ORDER NO. VSD9403M244

Service Manual

Volume 1

Panasonic SVHS Hi-Fi

Editing Video Cassette Recorder

AG-DS850P

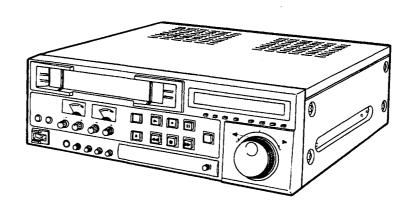
Sec. 1 Operating Instructions

Sec. 2 Disassembly Procedures

Sec. 3 Schematic Diagram

Sec. 4 Circuit Board Diagrams

Sec. 5 Exploded Views & Replacement Parts List



The Mechanism (Sec. 6), Electrical Adjustment (Sec. 7) and Block Diagram (Sec. 8), please refer to the Service Manual Volume 2 (Order No. VSD9404M245).

The detail circuit description for this model, please refer to the Supplement Service Manual (Order No. VSD9404D209).

Panasonic.

SPECIFICATIONS

ITEM		SPECIFICATION	ITEM ·		SPECIFICATIO	N
Power	Source	$AC 120V \pm 10\%$			Normal Audio/Contro	
Power	Consumption	87Watts (with AG-A750)		Head	Hi-Fi Audio: 2 rotary heads $42 \mu \text{ m} \times 2$	
Television Format	EIA Standar	d (525 lines, 60 fields) NTSC color signal]		Erase: 1 full track erase 2 tracks (Normal Audio	, 1 Audio track erase
Tape Speed		.s. (33.35 mm/s)	1	Track	2 channels (Hi-Fi sound	
Tape Format	· zze tape, e				LINE IN Hi-Fi (XLR):	
FF/REW	less than 2 m	in. with 120min. tape			+4/0/-6dBs, H	
	Head Luminance	2 rotary heads, helical scaning system $58 \mu \text{ m(NOR)} \times 2$, $58 \mu \text{ m(SS)} \times 2$ 2 flying (rotary) erase heads $56 \mu \text{ m} \times 2$ FM azimuth recording		Input level	LINE IN NORM/Hi-Fi (XLR): +4/0/-6dBs, Hi-imp. balanced MICROPHONE IN (1/4" phone×2): -50dBv, 4.7kΩ unbalanced	
			-			
	Color signal Input level	Converted subcarrier phase shift recording $ \begin{array}{l} \text{VIDEO IN(BNC): 1.0Vp-p 75}\Omega \text{ unbalanced} \\ \text{S-VIDEO IN(4P):} \\ \text{Y; 1.0Vp-p 75}\Omega \text{ unbalanced} \\ \text{C; 0.286Vp-p (burst) 75}\Omega \text{ unbalanced} \\ \text{REF IN (BNC): 1.0Vp-p 75}\Omega \text{ unbalanced} \\ \end{array} $	Audio	Output level	- HEADPHONE (1/4 phone): - 60dBv to - 20dBv, 8Ω unbala AUDIO MONITOR OUT (PHONO): 0dBv, 600Ω unbalanced	
	Output level	VIDEO OUT (BNC×2): 1.0Vp-p 75Ω unbalanced				
Video -		S-VIDEO OUT (4P×2):		Frequency Response	Hi-Fi: 20Hz to 20kHz	
		Y; 1.0Vp-p 75Ω unbalanced C; 0.286Vp-p (burst) 75Ω unbalanced COMPONENT OUT (BNC×3):		Dynamic Range	Hi-Fi: more than 90dB	
		Y; 1.0 Vp-p 75Ω unbalanced Pr; 0.486 Vp-p 75Ω unbalanced		Signal-to- Noise Ratio	48dB (Normal) (with NR switch ON)	
		Pb; 0.486 Vp-p 75 Ω unbalanced	Time Code		Input level 1.0Vp-p, 10kΩ unbalanced Output level 2.4Vp-p, low impedance unbalanced Power cord VJA0472	
		VIDEO MONITOR OUT (BNC): 1.0Vp-p 75Ω unbalanced		Output level		
	Signal-to-	VHS: 46dB (color)	Standerd Accessories			
	Noise Ratio Horizontal Resolution	contal S-VHS; more than 400 lines		VW-CV2 (VW-CV1 (AG-C71 (5m) VW-CV2 (2m) VW-CV1 (1.5m)
Operating	Temperature	41°F to 104°F (5°C to 40°C)		Daning conti	Editing controller AG-A350 AG-A800	
Condition		35% to 80%	Optional	AG-A770 AG-A750 Slow-motion controller AG-A300		
Dimensions		$(W) \times 5-3/16"$ (H) $\times 16-5/16"$ (D) $\times 131.5 \text{mm}(H) \times 415 \text{mm}(D)$	Accessories			
Weight	Approx. 12kg	(Approx. 26.41bs.)		Remote Cont Rack-mounti 34P Interface TBC Remote	ng adapter Board	AG-A600 AG-M730E AG-IA834 AU-ER65

Weight and dimensions shown are approximate. Specifications are subject to change without notice.

INTRODUCTION

This Service Manual contains all the technical information which will allow service personnel to understand and service the Panasonic S-VHS editing video cassette recorder model AG-DS 850 P.

This model is video cassette recorder for editing applications which was developed for applications in industry, educational establishments, studios and CATV transmissions. By the use of S-VHS system, a sharp picture quality with high resolution is obtained, and advanced editing by easy operation is realized by the introduction of highly dependable mechanisms.

Just slightly ahead of our time... Panasonic

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SAFETY PRECAUTIONS

GENERAL GUIDELINES

- When servicing observe the original lead dress. If a short circuit is found, replac all parts which have been overheated or damaged by the short circuit.
- After servicing, see to it that all the protectiv devices such as insulation barriers, insulation papers shields are properly installed.
- After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- Unplug the AC cord and connect a jumper between the two prongs onthe plug.
- 2. Measur the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwhead connectors, contrl shafts, etc. When the exposed metallic part has a return path to the chassis, the reading shoulb be between $1\,M\,\Omega$ and $5.2\,M\,\Omega$.

When the exposed metal dose not have a return path to the chassis, the reading must be ∞ .

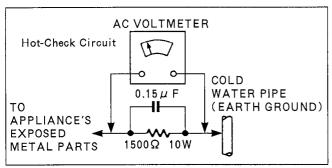


Figure 1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

- Plug the AC cord directly into the AC outlet.
 Do not use an isolation transformer for this check.
- 2. Connect a 1.5 K Ω , 10W resistor, inparallel with 0.15 μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measur the potential across the resistor.
- Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet repeat each of the above measurements.
- 6. The potantial at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possiblity of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ELECTROSTATICALLY SENSITIVE(ES) DEVICES

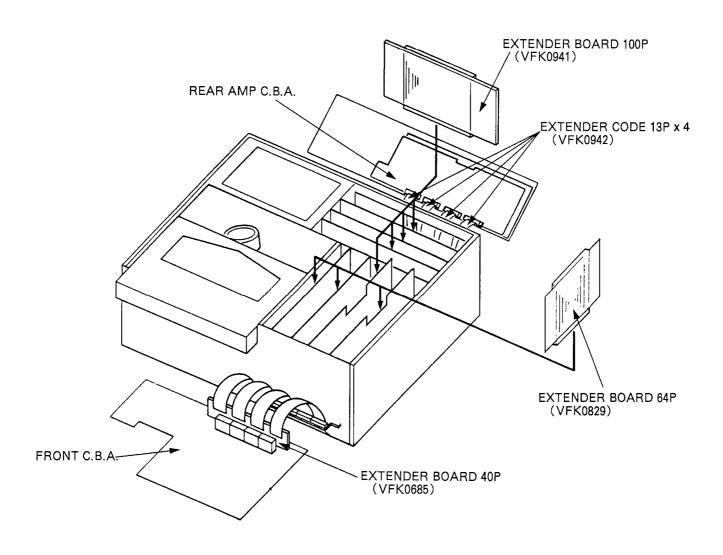
Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
 - Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- Use only a grounded tip soldering iron to solder or unsolder ES devices.
- Use only an anti-static solder removal device classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package untilimmediately before you are ready to install it. (most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
- Immediately before removing the protective material from the leads of replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
 - CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other asfety precautions.
- 8. Minimize bodily motions when handling unpackaged replacement ES devoces. (Otherwise harmless mother such as the brushing together of your clothes fabric or the lifting of your foor from a carpeted floor can generate static electricity sufficient to damage an ES device).

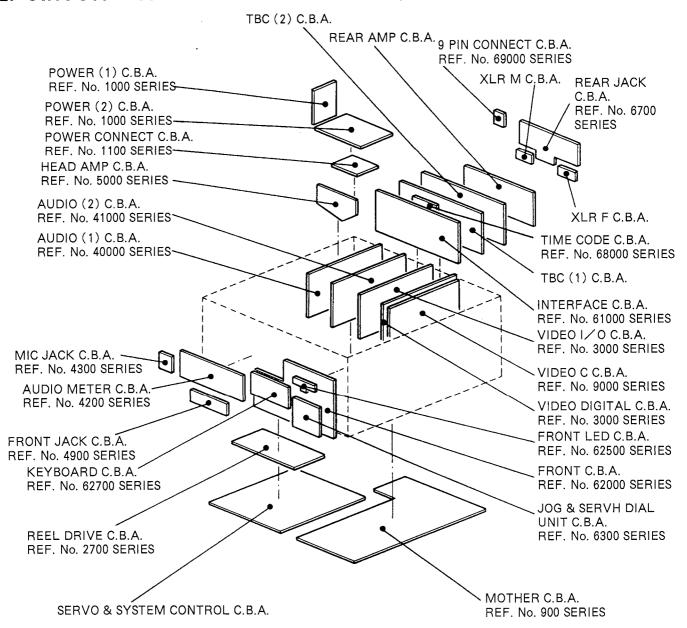
SERVICE INFORMATION

1. EXTENDERS

- 1. EXTENDER BOARD 100P (VFK0941) NEW FOR INTERFACE, TBC (1), TBC (2) and VIDEO I/O P.C.BOARDs
- 2. EXTENDER CODE 13P (VFK0942)x 4 NEW FOR REAR AMP (JACK) P.C.BOARD
- 3. EXTENDER CODE 40P (VFK0685) SAME AS AG-7350 etc. FOR FRONT P.C.BOARD
- 4. EXTENDER BOARD 64P (VFK0829) SAME AS AG-6760 etc.
 FOR VIDEO DIGITAL, AUDIO (1), AUDIO (2) P.C.BOARDs



2. CIRCUIT BOARD LAYOUT



SERVO & SYSTEM CONTROL C.B.A.

SUB POWER SECTION: REF. No. 1500 SERIES CYL SERVO SECTION: REF. No. 2000 SERIES CAPSTAN SERVO (1) SECTION:

REF. No. 2200 SERIES

CAPSTAN SERVO (2) SECTION:

REF. No. 2200 SERIES

CTL AMP SECTION: REF. No. 2300 SERIES WIDE SECTION: REF. No. 2400 SERIES REEL SERVO SECTION: REF. No. 2500 SERIES

MOTER DRIVE (1) SECTION: REF. No. 2700 SERIES MOTER DRIVE (2) SECTION: REF. No. 2700 SERIES

REAR AMP C.B.A.

REAR AMP SECTION: REF. No. 4000 SERIES REAR AMP SECTION: REF. No. 4000 SERIES REAR AMP SECTION: REF. No. 6600 SERIES

TBC (1) C.B.A.

Y MEMORY (1) SECTION: REF. No. 8000 SERIES Y MEMORY (2) SECTION: REF. No. 8000 SERIES SYNC SEP & AFC SECTION:

REF. No. 8100 / 8300 SERIES CLAMP & AMP SECTION: REF. No. 8200 SERIES C MEMORY SECTION: REF. No. 8300 SERIES TBC & DMS G.A.BLOCK SECTION:

REF. No. 8400 SERIES

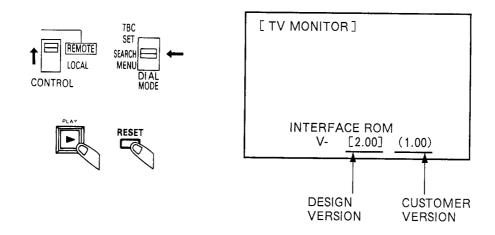
TBC (2) C.B.A.

ENCODER SECTION: REF. No. 8000 SERIES SYNC GEN (1) SECTION: REF. No. 8600 SERIES SYNC GEN (2) SECTION: REF. No. 8600 SERIES SYNC GEN (3) SECTION: REF. No. 8700 SERIES TBC2 CONNECTION SECTION: REF. No. 8900 SERIES

3. ROM VERSION DISPLAY

The ROM Version is displayed while the PLAY and RESET buttons are kept depressed as follows;

- 1. Eject a cassette tape.
- 2. Set the CONTROL switch to REMOTE.
- 3. Set the DIAL MODE switch to SEARCH.
- 4. Push the PLAY button together with RESET button.



4. HOUR METER RESET

- 1. Turn off the Power.
- 2. Connect a jumper wire between TP1 and TP2 on the INTERFACE C.B.A.
- 3. Set the CONTROL switch to REMOTE.



<< DRUM ON TIME >>

Turn on the Power while the STOP and FF buttons are depressed.

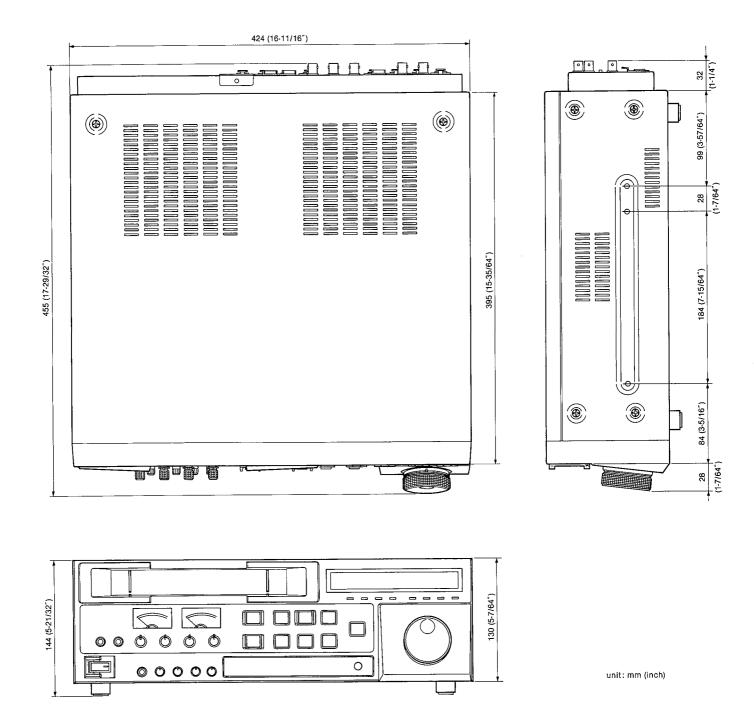


<< CAPSTAN ON TIME >>

Turn on the Power while the STOP and REW buttons are depressed.



5. DIMENSIONS

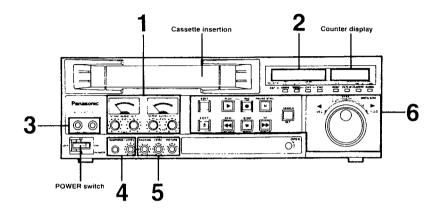


OPERATING INSTRUCTIONS

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Front panel parts



1. Level control area

Audio (CH1) level meter: Displays CH1 audio level.

Audio (CH2) level meter: Displays CH2 audio level or tracking level/video level

Audio (CH1) NORMAL LEVEL control: Adjusts recording level for normal audio CH1.

Audio (CH1) HI-FI LEVEL control: Adjusts recording level for HI-Fi audio CH2.

Audio (CH2) Hi-FI LEVEL control: Adjusts recording level for normal audio CH2.

2. Function display lamp area

LTC/AUTO/VITC lamps:

WIDE lamp: Lights during WIDE signal recording and WIDE tape playback. Cassette "in" lamp [[00]]: Lights when a cassette is loaded. S-VHS lamp [SVHS]: Lights in S-VHS mode. Lights when Hi-Fi audio is recorded or played back Hi-Fi lamp: DOLBY* NR lamp: · Lights when Dolby NR system is used. FRAME lamp: Lights in framing servo lock mode. LIMITER lamp: Lights when audio limiter is on. CH2-TC lamp: Lights when audio CH2 is used as an LTC track. SERVO lamp: Lights in servo lock mode. CTL/TC/UB lamps: Lamp corresponding to selected counter display mode lights

Lamp corresponding to selected time code mode lights

3. Microphone area
MIC jacks (CH1/CH2):

MIC lacks (CH1/CH2): Connectors for M6 external microphones.

. Headphone area

HEADPHONE jack: Connects M6 stereo headphones.
HEADPHONE LEVEL control: Adjusts headphones volume.

Figure quality adjustment area

TRACKING control: Adjusts noise position.

VIDEO LEVEL control: Adjusts input video level (push-pull type).

PICTURE control: Adjusts softness/sharpness of playback picture.

6. Basic operation area

EDIT button:

Starts editing when pressed together with PLAY button.

PLAY button:

Starts playback.

REC button:

Starts recording when pressed together with PLAY button.

PAUSE/STILL button:

Establishes still-picture mode during playback and pause mode during recording.

EJECT button:

Ejects cassette.

REW (PAGE DOWN) button:

Rewinds the tape; scrolls down page in MENU mode.

STOP (DATA) button:

Stops all operations; sets data in MENU mode.

FF (PAGE UP) button:

Rapidly advance the tape; scrolls up page in MENU mode.

SEARCH (SET) button:

Executes and releases search; sets menu in MENU mode; sets standard level in TBC set mode.

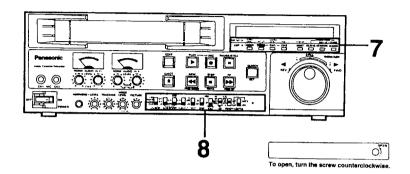
SEARCH/JOG dial: Adjusts search speed (outer dial for SHUTTLE mode; inner dial

in TBC set mode.

for JOG mode); selects menu in MENU mode; sets level

*Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

**DOLBY" and the double-D symbol 🔟 are trademarks of Dolby Laboratories Licensing Corporation.



7. Editing mode setting area/TBC mode setting area

ASSEMBLE (VIDEO LEVEL) button: Sets assemble editing; sets video level in TBC mode.

INSERT VIDEO (SET UP) button: Performs insert editing of video signals and Hi-Fi audio signals; sets setup level in TBC mode.

INSERT AUDIO-CH1 (CHROMA LEVEL)
button: Performs insert editing of normal audio CH1; sets chroma level

in TBC mode.

INSERT AUDIO-CH2 (HUE) button: Performs insert editing of normal audio CH2 or TC; sets hue in

TBC mode.

RESET (YC DELAY) button: Resets counter; sets YC delay in TBC mode.

CTL/TC/UB (SYSTEM H PHASE) button: · · · Switches counter mode; sets system H phase in TBC mode. LTC/AUTO/VITC (SYSTEM SC PHASE

FINE) button: Switches time code read mode; sets system SC phase fine adjustment in TBC mode.

ON SCREEN (SYSTEM SC PHASE COARSE) button:

 Displays data on monitor TV; sets system SC phase coarse adjustment in TBC mode.

8. Function setting area

CH2 METER switch: Switches between tracking/video meter and audio CH2.

AUDIO MONITOR switch: Selects monitor audio channel.

AUDIO MONITOR (METER) switch: Switches monitor audio type.

AUDIO OUT switch: Switches output audio type.

INPUT switch: Switches video input signal.

DNR switch: DNR operation switch (Y and C levels set using the setup menu).

DIGITAL SLOW switch: Changes digital slow setting and dial speed mode.

DIGITAL SLOW switch:

DIAL MODE switch:

MEMORY switch:

Changes digital slow setting and dial speed mode.

Switches search dial mode.

Switches memory mode when CONTROL switch is

Switches memory mode when CONTROL switch is set to "LOCAL"; switches editing mode when CONTROL switch is set

to "REMOTE" (34-pin controller only).

CONTROL switch: Switches between remote and local modes

Counter display parts

When the DIAL MODE switch is at the SEARCH position:

Mode	Counter Display	Remarks
CTL	-8:88:88:88	The shaded area remains blank for CTL interpolation
TC	88:88:88:88	while a colon appears in the non-drop frame mode and period indicates the drop
UB	88 88 88 88	frame mode.

When the DIAL MODE switch is at the MENU position:

Mode	Counter Display	Remarks
SELECT PAGE	5 <i>u 88 88</i>	The shaded area flashes on and off.
SET PAGE	5 <i>U:88 88.<mark>88</mark></i>	
TC PRESET	88:88:88:88	The input digits flash on and off.
UB PRESET	88 88 88 88	

Hour meter display

The following items area indicated alternately while the RESET button is kept depressed

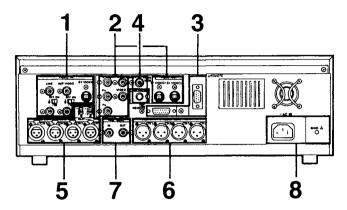
Mode		Coun	ter Displa	ıy	Remarks
Capstan rotation cumulative time	Ĺ	88	88	8 ×	Set the CONTROL and DIAL MODE switches to
Total drum rotation time	đ	88	88	8 H	REMOTE and MENU, respectively.

VITC position display

The following items are displayed while the RESET button is kept depressed

Mode	Counter Display	Remarks
When reading of VITC position was possible	88 88 L	Set the CONTROL and DIAL MODE switches to REMOTE and SEARCH
When reading of VITC position was not possible	<u>L</u>	respectively.

Rear panel parts



1. Video input signal area

S1-VIDEO IN connector: S1-VIDEO signal input connector.

REF VIDEO IN connector: Input connector for external reference signal (with loop-through

75 Ω termination switch).

LINE IN connector: Video signal input connector (with loop-through 75 Ω termination switch)

2. Video output signal area

S1-VIDEO OUT (1, 2) connectors: S1-VIDEO signal input connector. VIDEO OUT (1, 2) connectors: Video signal output connectors.

COMPONENT OUT connectors: Component signal output connectors.

Remote signal area

TBC REMOTE connector: Connector for TBC remote controller.

REMOTE 9P connector: Connector for editing controller (9P).

4. Monitor output signal area

VIDEO connector:

Output connector for video monitor signal.

Output connector for audio monitor signal.

5. Audio input signal area

Input audio level switches: Set input level to -60/+4 dB.

NORM/Hi-Fi audio input connectors: NORM/Hi-Fi audio (CH1/2) input connectors.

Hi-Fi audio input connectors: Input connectors for hi-fi sound only.

6. Audio output signal area

NORM/Hi-Fi audio output connectors: NORM/Hi-Fi audio (CH1/2) output connectors. Hi-Fi audio output connectors: Output connectors for hi-fi sound only.

7. Time code signal area

TIME CODE IN connector: Time code signal input connector.

TIME CODE OUT connector: Time code signal output connector

8. Power supply circuit area

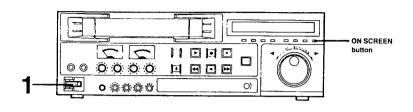
GND terminal: When connecting this unit to any other component, make

absolutely sure that it is properly grounded by connecting this

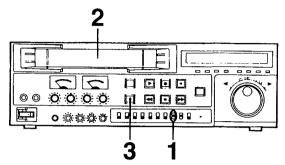
terminal.

AC IN socket: Selected to AC 120V power outlet.

Switching on the power



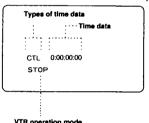
Installing a cassette



1. Press the POWER switch.

The power is now supplied to the unit.

 The display below appears through VIDEO MONITOR OUT connector if the ON SCREEN button is pressed.



This appears only when item No. 4004 of the dial menu function is $\ensuremath{\mathsf{ON}}$.

 If an error appears on the display, stop operation immediately and read page 61.

1. Set the DIAL MODE switch to SEARCH.

 When the DIAL MODE switch is at "MENU", operations not relating to the dial menu functions cannot be performed; when it is at "TBC SET", operations other than PLAY, STOP, FF, REW, EJECT, REC, PAUSE, EDIT cannot be performed.



To install the cassette tape:

Insert the tape in the slot provided and push the center area of the cassette gently.

The cassette "in" lamp now lights in the function display lamp area.



3. To remove the cassette tape:

Press the EJECT button. Draw the emerging cassette tape out straight toward you.

The cassette "in" lamp now goes off.



MEMO

To prevent accidental erasure of recorded material:

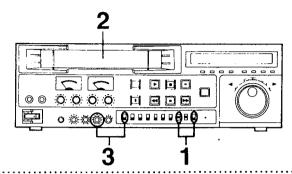
Break out the tab to prevent further recording.

To re-record:

Block the tab hole with cellophane tape.



Recording



Set the switches (see pages 22 to 24).

CONTROL switch → LOCAL DIAL MODE switch → SEARCH

2. Install the cassette tape (see page 13).

Check that the tab on the recording tape for preventing accidental erasure has not been broken out.



3. Adjust the recording level.

- [1] Set the CH2 METER switch to "VIDEO TRACKING."
- [2] Automatic adjustment
 Press in the VIDEO LEVEL control. The recording level will now
- [3] Adjustment to desired level Pull out and turn the VIDEO LEVEL control.

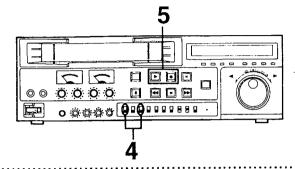
be adjusted automatically.

The appropriate recording level is where "0" is indicated on the level meter.

 The AUDIO CH2 level meter indicates the recording level during recording.







4. Adjust the audio recording level.

- [1] Set the CH2 METER switch to "AUDIO CH2."
- [2] Select the type of sound whose level is to be adjusted.

Use the METER switch for this.

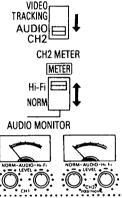
HI-FI: The meter displays the hi-fi audio level.

NORM: The meter displays the normal audio level.

3) Level adjustment

Rotate the level controls and set them to the highest possible value where the pointers do not pass beyond the "0" position on the level meters.

 Set the "AUDIO LIMITER" (item No. 3002) dial menu function to "OFF" before proceeding with the normal audio level adjustment.



5. Press the REC and PLAY buttons together.

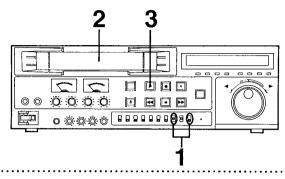
Recording now starts.

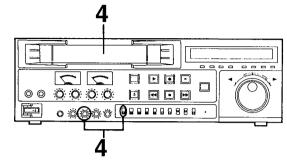


MEMO

- The dial menu functions are used to activate the audio limiter function and Dolby NR system (see page 42).
 When the audio limiter function is activated, the automatic volume limiter circuit operates to ensure that the sound is recorded without distortion even if the input level should reach an excessively high level during recording.
- The Dolby NR system ensures that the sound is recorded and played back with reduced tape noise (hiss).
- When recording Hi-Fi sound, set the "HI-FI REC" (item No. 3003) dial menu function to "ON".
- When the Hi-Fi sound is not to be recorded, it is not enough merely to set the level control to the "0" position. Be sure to set the "Hi-Fi REC" (item No.3003) dial menu function to "OFF".
- The Hi-Fi audio input connectors can be switched using the "HI-FI INPUT SELECT" (item No. 3004) dial menu function.
- To make a recording using an external sync signal, set the "SYNC" (item No.1001) dial menu function to "EXT".

Playback





1. Set the switches (see page 22 to 24).

CONTROL switch → LOCAL DIAL MODE switch → SEARCH

2. Install the cassette tape (see page 13).

Install the tape with the recorded sound and pictures which are to be played back.



Press the PLAY button.

Playback now commences.



Adjust the tracking.

Set the CH2 METER switch to "VIDEO TRACKING."

2] Normally

the TRACKING control is set to its center "fix" position for playback.



CH2 METER



When playing back a tape which has been recorded on another VTR,

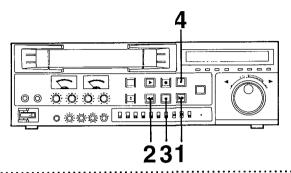
turn the TRACKING control slowly to the left or right and set so that the meter pointer deflects to the maximum.

NOTES

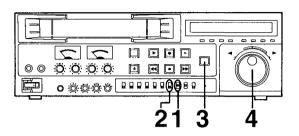
- Set the Dolby NR system ON using the dial menu function when playing back a tape which has been recorded using the system (see page 42).
- If the tracking shifts out of alignment during playback, the Hi-Fi lamp will go out and the Hi-Fi sound will not be output even if it was recorded.
- When using the headphones:
 - The volume level may change when high-impedance headphones are connected.
- To playback a signal using an external sync signal, set the "SYNC" (item No. 1001) dial menu function to "EXIT".



FF, REW stop and pause/still



Search operations



1. Fast forwarding the tape

Press the FF button.



Rewinding the tape

Press the REW button.



3. Stopping the tape

Press the STOP button.

- . The STOP button lights and all operations are stopped.
- When the "PB/EE SELECT" (item No. 2004) dial menu function is set to "EE", E-E pictures will appear on the TV monitor.



4. Pause

Press the PAUSE/STILL button during recording or playback.

- During playback, the unit is placed in the PLAY/STILL mode and still pictures are played back.
- During recording, the unit is placed in the REC/PAUSE mode and recording is temporarily suspended.



NOTES

- · Set the CONTROL switch to LOCAL.
- . Set the DIAL MODE switch to SEARCH.
- The unit is automatically placed in the tape protection mode if the STOP or PAUSE/STILL mode should continue beyond a certain period of time (which can be set using the item No. 1002 to 1004 dial menu function). (See page 39.)

1. Set the DIAL MODE switch to "SEARCH".



Set the DIGITAL SLOW switch to "1" or "OFF".



Press the SEARCH button.

The SEARCH button, PLAY button and PAUSE/STILL button light, indicating that a search can now be performed.



4. Operate the search dial.

The inner dial is used for the jog mode and the outer dial for the shuttle mode.

 When the dial is turned toward the right, the tape is played back in the forward direction (the FWD lamp lights); conversely, when it is turned toward the left, the tape is played back in the reverse direction (the REV lamp lights).



[1] JOG mode

Turn the outer dial to the center position. The tape is played back at a speed ranging from a still picture to ±1x the normal speed depending on the speed at which the inner dial is turned. When the truning of the dial is stopped, a still picture display appears regardless of the switch setting.



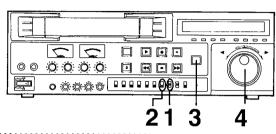
SHUTTLE mode

In response to the angle to which the outer dial is turned, the tape can be played back at a speed ranging from 0 to 32x faster or slower than normal tape speed. (However, when the tape approaches the end, the low-speed search mode is established in order to protect the tape from possible damage.) A still picture results at the center (click-stop) position.

NOTES

- · Keep the CONTROL switch at the LOCAL position.
- When the power has been turned on again in the SHUTTLE mode, first return the dial to its center (click-stop)
 position and then proceed to operate it.
- When setting the direct search mode, set the "DIRECT SEARCH" (item No. 1005) dial menu function to "ON." (See page 39.)

Slow-motion playback





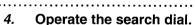


2. Set the DIGITAL SLOW switch to "2".



Press the SEARCH button.

The SEARCH button, PLAY button and PAUSE/STILL button light, indicating that a search can now be performed.



The inner dial is used for the jog mode and the outer dial for the shuttle mode.

 When the dial is turned toward the right, the tape is played back in the forward direction (the FWD lamp lights); conversely, when it is turned toward the left, the tape is played back in the reverse direction (the REV lamp lights).



Turn the outer dial to the center position. The tape is played back at a speed ranging from -1/4x to +1x the normal speed depending on the speed at which the inner dial is turned. When the truning of the dial is stopped, a still picture display appears regardless of the switch setting.

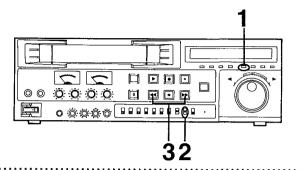
[2] SHUTTLE mode

The tape is played back at speeds ranging from -1/4x to +1x normal speed, depending on the angle to which the outer dial is turned

NOTES

- · Keep the CONTROL switch at the LOCAL position.
- When the power has been turned on again in the SHUTTLE mode, first return the dial to its center (click-stop)
 position and then proceed to operate it.
- When setting the direct search mode, set the "DIRECT SEARCH" (item No. 1005) dial menu function to "ON." (See page 39.)
- · Noise may occur when a tape is played back in the reverse direction.

AUTO STOP function



 Press the RESET button at the position where the tape is to be automatically stopped.



The tape counter displays "0:00:00:00."

Set the MEMORY switch to AUTO STOP.



MEMC

Proceed with fast forward or rewinding.

The tape automatically stops when the tape counter display nears the "0:00:00:00" mark.







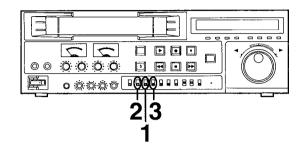
NOTE

- The AUTO STOP function does not work when:
- . The CONTROL switch is at the "REMOTE" position.
- The CTL/TC/UB button is at any position except "CTL."
- . DIAL MODE switch is at the "MENU" position.

20

တ

Setting the audio switches



Setting the AUDIO MONITOR (METER) switch

This is used to select the sound displayed on the level meter and the sound which is output from the headphones jack on front panel or the AUDIO MONITOR connector on the rear panel.

Hi-Fi: Hi-Fi sound is selected. NORM: Normal sound is selected.



Setting the AUDIO MONITOR switch

This is used to select the audio channel for the sound output from the headphones jack on front panel and the AUDIO MONITOR connector on the rear panel.

The CH1 sound is output.

Mixed CH1 and CH2 sound is output from the headphones jack CH1 sound is heard at the left and

CH2 sound at the right. The CH2 sound is output.

· No sound will be heard from normal audio CH2 when the "AUDIO CH2" (item No. 3006) dial menu function is set to

Setting the AUDIO OUT switch

This is used to select the sound which is output from the AUDIO OUT (NORM/Hi-Fi) connectors on the rear panel.

Hi-Fi: Discriminates between Hi-Fi and normal audio automatically. When there is no Hi-Fi audio output signal, normal audio will be automatically outputted.

NORM: Normal sound is selected.



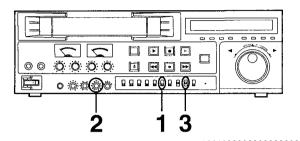
AUDIO MONITOR

AUDIO OUT

NOTE

- Set "HI-FI REC" (item No. 3003) dial menu function to "ON", to record Hi-Fi sound.
- ON: Hi-Fi sound and normal sound are recorded.
- OFF: Normal sound is recorded.

Setting the video switches



Setting the DNR (digital noise reducer) switches

- When playing back a tape with a reduced signal-to-noise ratio, these switches can be used to reduce the noise level as warranted by the picture quality. (However, a slight deterioration in the resolution will result.)
- Keep this switch OFF during editing. The picture may be disturbed if a tape is repeatedly edited.
- Bear in mind that when material is dubbed repeatedly in the DNR ON mode, after-imaging will be prevalent.
- The degree of S/N ratio enhancement can be controlled by setting dial menu function item No. 2013 and 2014.

Setting the VIDEO LEVEL control

This is used to adjust the video level automatically during recording.

PUSH: The video level is automatically adjusted. PULL: The video level not automatically adjusted.

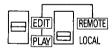


Setting the MEMORY switch

Set the CONTROL switch to "REMOTE." The switch then can be used to select whether the unit functions as source or as an editor, using the 34P controller.

PLAY: Unit functions as a player. EDIT: Unit functions as an editor.

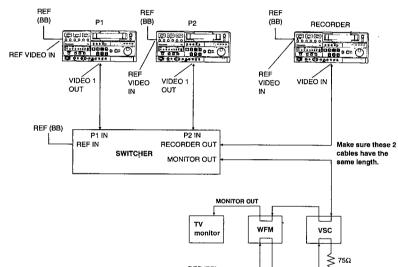
. Keep the switch at PLAY when the unit is to be used on its

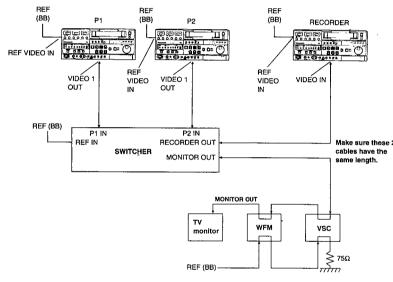


MEMORY CONTROL

been connected to the system so that the material will be edited accurately and error-free. (The TBC must be readjusted every time its connecting cable is replaced or its connections are changed.)

Make the connections as shown in the figure below.





Setting the INPUT switch

During editing this switch is set to the position corresponding with the input signal.

S-VIDEO: When recording video signals which have been

input to the S1-VIDEO IN connectors. When recording video signals which have been

input to the VIDEO IN connectors.



Setting the CONTROL switch This is used to set the unit's control mode.

REMOTE: Set to this position for operating the unit by remote control using an controller, etc. Only the unit's eject

function will now be operational.

LOCAL: Set to this position to operate the unit.

. The operation modes of this unit in the REMOTE mode can be set using dial menu item No. 5001.



Setting the DIGITAL SLOW switch

Activates the noiseless slow mode. The search dial range is -1/4x to +1x.

Activates the noiseless slow mode. The search dial range is -32x to +32x.

OFF: The noiseless slow mode is not activate.



Setting the ON SCREEN button

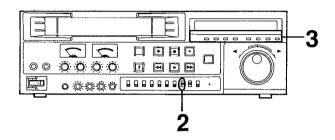
This is used to add a time code or other superimpose signal to the video signal which is output from the VIDEO MONITOR



Supply the external reference signal from the sync signal generator to the unit.

Provide a composite connection for the video signals.

TBC Adjustments (cont.)



Set the DIAL MODE switch to "TBC SET."

■ The TBC SET menu (Menu No.1) is output on the monitor.

Notes

The first menu is not output if "TBC REMOTE" (item No. 2015) dial menu function is set to "REMOTE".

Either set "TBC REMOTE" to "LOCAL" or use an external TBC encoder to perform adjustment.

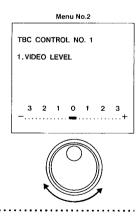
Menu No.1 TBC CONTROL 1. VIDEO LEVEL 2. SET UP 3. CHROMA LEVEL 4. HUE 5. YC DELAY 6. SYSTEM H PHASE 7. SYSTEM SC PHASE FINE 8. SYSTEM SC PHASE COARSE

Proceed with the discrete adjustment.

Since the TBC of this unit has already been adjusted using standard color bars, the control is normally used set to "0." If readjustment is to be required with the tape being used, proceed as follows.

- · The various items correspond to the eight switches (TBC mode setting area) below the display tube, in order starting from the left.
- [1] Playback a tape with color bars recorded on it.
- [2] Adjust the various items.

Press the switch corresponding to the item you wish to adjust (TBC mode setting area) and Menu No.2 is displayed. Make adjustments by turning the JOG dial to move the cursor to the right or left.

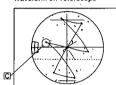


[3] Adjust the various items.

Adjust the various items so that the displays on the waveform monitor (WFM) and vectorscope (VSC) appear as described below.

Waveform on waveform monitor

Waveform on vetorscope



A: • Set-up level

Adjust to eliminate any deviation.

B: • Video level Adjust to 100IRE.

C: • Chroma level Adjust so that the specified level is obtained

• Hue

Adjust so that the vector waveform traces are positioned inside the mark on the

[4] Adjust the YC delay control.

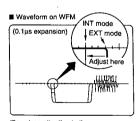
(Normally, adjustment is unnecessary.) Adjust this to compensate for a shift in YC delay (color shift) of the tape being played back. Each step represents an adjustment of approx. 70ns.

[5] Adjust the SYSTEM PHASE controls.

- Playback the standard color bars on VTR P1.
- Adjust the SYS PHASE controls on VTR P1. Adjust them so that the waveform shown below appears on the waveform monitor (WFM).
- 1) Set the WFM to the INT mode and set the expansion to 0.1µs.
- Check the horizontal sync position.
- Now set the WFM to the EXT mode.
- In the EXT mode adjust the SYS PHASE controls so that the H SYNC signal is aligned with the position

First adjust H, then use SC COARSE for the overall adjustment and SC FINE for the fine adjustment.

5) Adjust the SYS PHASE controls on VTR P2 similarly.



(Pay close attention to the sync

NOTE

· No adjustments can be made on the TBC SET screen menu when the screen has stopped.

SYSTEM H PHASE: Adjusts the phase of the horizontal sync signal from the built-in sync generator to the external reference signal supplied from

the external source in order to achieve genlock.

SYSTEM SC PHASE: Adjusts the phase of the subcarrier signal from the built-in sync generator to the external reference signal supplied from the

external source in order to achieve genlock.

COARSE: Adjustment in 4 steps of 90°

FINE: Continuous adjustment, range of just over 90°

Together, these controls cover a 360°.

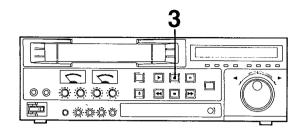
4. After completing TBC adjustments, set the DIAL MODE switch to "SEARCH."



NOTES

- Pressing the SEARCH (SET) button when the Menu No. 1 is displayed returns the settings for all items, except for SYSTEM PHASE, to their initial values.
- Pressing the SEARCH (SET) button when Menu No. 2 is displayed returns only the setting for that item to its initial value.

Before proceeding with editing



"Editing" consists in taking pre-recorded tapes, combining various material into one part, cutting out the parts which are not desired and connecting only what is required into a single program. There are two editing modes: assemble and insert. Complete the operations listed below before proceeding with editing.

(CTL editing is the type of editing which is possible when only this unit is used for editing. Time code editing is not possible.)

1. Complete the adjustments and settings (see page 22 to page 28).

2. Check whether the FRAME LOCK lamp lights when the following steps are taken.

- Playback the tape which is to be edited.
- Use the TRACKING control on the source unit so that the TRACKING meter pointer deflects to its maximum.
- Set the TRACKING control on the editor to its center clickstop position.
- [4] Set the "FRAME SERVO" (item No. 6005) dial menu function on the editor unit to "ON".
 - Check that the FRAME lamp at the source unit side has lighted.
 - If the lamp is off, set the "SYNC" (item No. 1001) dial menu function on the editor to "NORM".
- Check that the FRAME lamp on the editor has lighted.
 - If the FRAME lamp is off, the edited pictures may be thrown into disarray.

The material to be edited can be checked on the TV monitor.

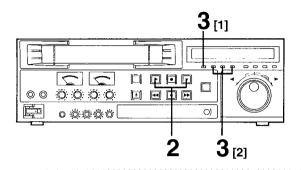
Press the REC button while playback is in progress.

E-E pictures can be viewed while the REC button is depressed. Signals are not recorded onto the tape.

 E-E pictures cannot be viewed if a cassette has been inserted without its accidental erasure prevention tab.



Selecting the editing mode



Proceed first with the editing preparations.

Refer to "Before proceeding with editing" on the previous page for details.

2. Set the unit to the PLAY or PLAY/STILL mode.

Press the PLAY button or PAUSE button.









[1] Assemble editing

Press the ASSEMBLE button.

When it is pressed once, the button lights; when it is pressed again, its light goes off.



VIDEO CH1 CH2

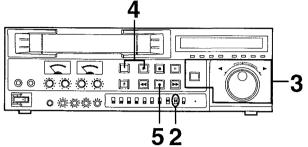
[2] Insert editing

Select the INSERT (VIDEO, AUDIO-CH1, AUDIO-CH2) button corresponding to the editing.

When it is pressed once, the button lights; when it is pressed again, its light goes off.

Insert editing applies only to the signals for the button which has lighted.





1. Select the editing mode.

Refer to "Selecting the editing mode" on the previous page for details.

2. Set the MEMORY switch to OFF.

If this switch is at the AUTO (CUT OUT) position, editing will be cut out and stopped when the counter display shows "0:00:00:00."



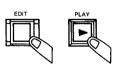
Find the edit start point by conducting a search operation and place the unit in the still picture mode.

Refer to page 19 for details on search operations.



Press the PLAY button while pressing down the EDIT button.

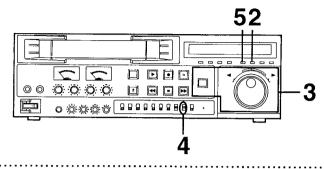
The tape jogs back automatically for about 3 seconds, and editing commences.

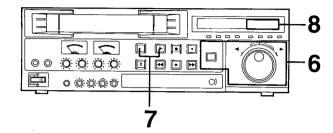


Press the STOP button to stop editing.



AUTO CUT OUT editing (simple automatic editing)





1. Select the editing mode.

Refer to "Selecting the editing mode" on page 29 for details.

2. Set to CTL mode with the CTL/TC/UB

Press the CTL/TC/UB button to switch to the CTL mode.

Each press of the button causes one of the function indicator

lamps, "@TL," "TC" or "UB," to light.

CTL/TC/UB

 Find the edit start point by conducting a search operation and place the unit in the still picture mode.

Refer to page 19 for details on search operations.



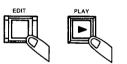
 Find the edit end point by conducting a search operation and place the unit in the still picture mode.

Refer to page 19 for details on search operations.



Press the PLAY button while pressing down the EDIT button.

The tape jogs back automatically for about 3 seconds, and editing commences.



4. Set the MEMORY switch to AUTO (CUT OUT).



MEMORY

8. End of editing

When the tape counter reaches "0:00:00:00," editing will be automatically cut out.

 With insert editing, the tape is rewound automatically in the vicinity of the cut out point.



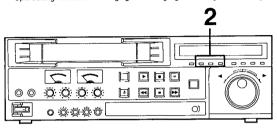
Press the RESET button.

The tape counter is reset to "0:00:00:00." The corresponding place on the tape is the edit end point.



Split editing

"Split editing" consists in changing the editing signals during insert editing.



Execute insert editing.

See page 30 for details.

Change the editing signals.

Example of operation:

Adding and inserting the AUDIO CH1 sound during the insert editing of the VIDEO/Hi-Fi signals

Insert editing of the VIDEO/Hi-Fi signals in progress



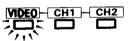
Press the AUDIO CH1 button.

The AUDIO CH1 sound is insert-edited.



Press the AUDIO CH1 button again.

The insert-editing of the AUDIO CH1 sound is terminated.



NOTES

- The editing mode cannot be switched to assemble editing while insert editing is in progress.
- The editing mode cannot be switched to insert editing while assemble editing is in progress.
- . The editing signals cannot be switched during the approximately 3-second long AUTO BACK operation or while the tape is traveling in preparation.

Precautions for editing

If the EDIT START button is pressed without the editing mode having been set, the edit mode buttons (ASSEMBLE, VIDEO Hi-Fi, AUDIO CH1, AUDIO CH2) flash 6 times to prompt the operator to select the mode.

Due to the preroll requirements, a pre-recorded section lasting at least 3 seconds must precede the edit start point. Editing cannot be conducted from the very start of the tape.

Normally, the controller's preroll time is set to 5 or more seconds. However, when phase-synchronized editing is not to be performed, editing is possible with a 3-second preroll time by using an external sync signal (EXT).

Precaution for assemble editing

■ Bear in mind that about 2 seconds of the original recording after the edit end point will be erased.

Precautions for insert editing

- The picture will be thrown into disarray at the edit start and end points if insert editing is conducted using the VHS system on a tape which has been recorded using the S-VHS system.
- Since the control signal is used for the editing, make sure that the edit period does not extend beyond the recording made on the tape.

Precautions for EE picture

NON V-FLOAT: The positions of the external sync signal and EE picture's V-SYNC signal tally. The video start line is delayed by an amount equivalent to the time taken by the Time Base Corrector

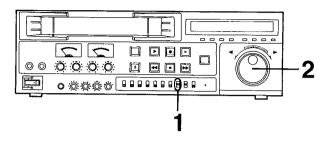
V-FLOAT:

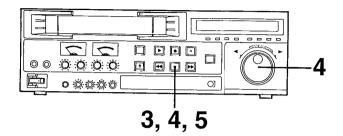
The positions of the external sync signal and EE picture's V-SYNC signal do not tally but the

proper relationship between the video start line and V-SYNC signal is maintained.

- With the "SYNC" (item No. 1001) dial menu at "EXT," the NON V-FLOAT mode is established when the MEMORY switch is at "PLAY" and the V-FLOAT mode is established when the MEMORY switch is at "EDIT."
- At the V-FLOAT position, the EE picture may move slightly in the perpendicular direction.

Using the dial menu functions





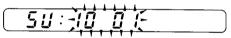
1. Set the DIAL MODE switch to MENU.

This disables all operations except those relating to the dial menu functions.

(This unit remains in the mode which was established before the dial menu functions were displayed.)



The following appears on the display.



The SETUP-MENU screen appears on the monitor which is connected to the MONITOR VIDEO connector.

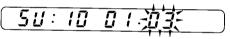
The monitor display shows the following.



3. Press the STOP button when the desired item is located.

The set-up change screen is displayed while the STOP button is kept depressed.

The following appears on the display.





The monitor display shows the following.

SETUP-MENU NO. 1001-00

01 SYNC

NORM ⇔ Flashing display

4. Turn the JOG dial while pressing the STOP button.

The flashing display changes. Set the item to the desired value.



2. Turn the JOG dial and locate the setting item

When it is turned clockwise, the number is successively incremented from 1001 \rightarrow 1002 \rightarrow 1103 \rightarrow etc. Conversely, when it is turned counterclockwise, the number is successively decremented. (The selected item is indicated by flashing.)

 Press the FF (page up) or REW (page down) button to scroll the menu up or down in 1-page units.



5. Release the STOP button.

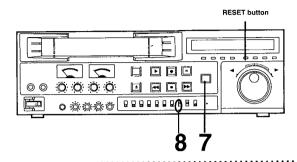


NOTE

The setting method differs for item No. 2008, 7010 and 7011. (See page 47.)

36

Using the dial menu functions (cont.)



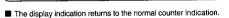
6. Repeat steps 3 to 5.

Set all the items whose set-up is to be changed to the desired

7. Upon completion of the settings, press the SEARCH (SET) button.

The set-up changes are now entered, and the following message appears.





8. Return the DIAL MODE switch to SEARCH.

The normal screen is returned.

 If the switch is returned to SEARCH without the SET button having been pressed in step 7, the settings will not be



MEMO

 To return set-up items to their original (factory-set) settings, press the RESET button when the SETUP-MENU is indicated. The following message appears.

> SETUP-MENU INIT. SET OK? (PUSH PLAY KEY)

The values are restored to their original settings when the PLAY button is pressed.

Set-up menu screen

Operation/function set-up items

	Item		Set-up value	
No.	Superimpose display	No.	Superimpose display	Description of function
1001	SYNC	00	NORM EXT	Selects the sync signal. 00: Synchronization with the input video signal. 01: Synchronization with the external sync signal.
1002	STILL TIME SELECT	00 01 02 03	2 SEC 30 SEC 1 MIN 5 MIN	When the unit is in the STOP or STILL mode, this selects the duration of time after which the unit is automatically placed in the TAPE. PROTECTION mode in order to protect the tape. The setting is valid from the next time the STOP or STILL mode is activated.
1003	TAPE PROTECTION	00	READY OFF AUTO ADVANCE	Selects the operation to be performed in the TAPE PROTECTION mode. The setting is valid from the next time the TAPE PROTECTION mode is activated. 00: The READY OFF mode is established. 01: Each time the duration specified by the STILL TIME SELECT setting elapses, the tape is advanced three frames, and the unit enters the READY OFF mode approximately 30 minutes later.
1004	READY OFF MODE SELECT	00 01 02	DRUM ROTATE DRUM STOP UNLOADING	Selects the operation in the READY OFF mode. 00: Drum rotates due to loose tape. 01: Drum stops due to loose tape. 02: Unloading
1005	DIRECT SEARCH	00 01	OFF ON	Selects the direct search mode. 00: Normal search operation 01: Unit is automatically placed in the search mode when the search dial is operated even without the search button being pressed.
1006	SHORT FF	00 01	OFF ON	Selects the short FF function. 00: No short FF operation. 01: Short FF operation is conducted at tape start.
1007	AUTO REW	00 01	OFF ON	Selects the auto rewind function. 100: Stops at tape end. 101: When the tape reaches the end, it is automatically rewound to the start and the unit stops operating.
1008	AUTO BACK	00	OFF ON	Sets the auto back space recording function. 00: Normal recording/pause mode 01: When the REC button is pressed in the PLAY/STILL mode or if the PAUSE/STILL button is pressed during recording, the tape is rewound for about 3 seconds and the unit is placed in the standby mode. When the PAUSE/STILL button is then pressed, the unit conducts playback for 3 seconds and then recording commences.

Video set-up items

	ltem -		Set-up value	
No.	Superimpose display	No.	Superimpose display	Description of function
2001	IMAGE MODE SELECT	00	NORMAL EDIT	OO: Select this setting for normal operation. The noise canceler and CAC function operate for both the luminance and chrominance signals. O1: Select for editing.
2002	VIDEO MODE	00	COLOR B/W	Selects the color mode of the input video signal. O: Automatically detects color mode by the input signal. O1: Forces black-and-white mode operation.
2003	Y/C FILTER TYPE	00	ADAPTIVE 3D 2D	Select the Y/C separation system. 00: The adaptive 3-dimensional Y/C separation mode is established. 01: The 3-line Y/C separation mode is established.
2004	PB/EE SELECT	00 01	PB/EE EE	Sets the image that appears on the screen when the unit is in the STOP mode. 00: The playback image is output. 01: The EE image is output.
2005	WIDE MODE SELECT	00 01 02	AUTO WIDE NORMAL	Sets the unit's operation for WIDE IDs. OC: Records a WIDE ID on the tape when wide data is encountered in the input signal during recording. During playback, wide data is added to the Y and C output signals if there is a WIDE ID on the tape. OC: Appends wide data to the Y/C output signal and records a WIDE ID on the tape during recording. OC: No wide data is accepted.
2006	S-VHS REC	00 01	OFF ON	Selects the recording format. 00: Recording are made in VHS format. 01: Recording are made in S-VHS format. (With an S-VHS tape only)
2007	HSW BLANKING SELECT	00 01	OFF ON	Specifies whether masking processing is to be performed in the switching area during playback.
2008	V BLANKING SELECT	10 11 12 13 14 15 16 17 18 19	OFF/ON	Specifies for each individual line whether to perform masking processing in the input signal vertical blanking interval during playback. 10:10_LINE 17:17_LINE 11:11_LINE 18:18_LINE 12:12_LINE 19:19_LINE 13:13_LINE 14:14_LINE 15:15_LINE 16:16_LINE
2009	SLOW DANCING COMP	00 01	OFF ON	Selects whether or not to perform compensation for dancing during digital slow playback.

[The shading denotes the initial setting.]

Video set-up items

	Item		Set-up value	Description of function
No.	Superimpose display	No.	Superimpose display	Description of function
2010	DOC SELECT	00 01	3LINE-3D 3D ONLY	Selects the DOC mode. 00: 2-dimensional DOC up to 3H; 3- dimensional DOC for 4H and above. 01: 3-dimensional DOC (field DOC)
2011	FREEZE AT READY OFF	00	OFF ON	Selects whether or not to freeze the screen when READY OFF takes place. 00: Do not freeze. 01: Freeze.
2012	FREEZE AT STOP	00 01 02 03	OFF ODD EVEN FRAME	Selects whether or not to freeze the screen when switching from PLAY to STOP. O: Do not freeze. O1: Freeze the odd field. O2: Freeze the even field. O3: Perform frame freeze.
2013	Y-DNR LEVEL SELECT	00 01 02	OFF LEVEL 1 LEVEL 2	Selects the DNR level for the luminane signal. 00: Performs no DNR processing on the luminance signal. 01: Performs DNR level 1 processing on the luminance signal. 02: Performs DNR level 2 processing on the luminance signal.
2014	C-DNR LEVEL SELECT	00 01 02	OFF LEVEL 1 LEVEL 2	Selects the DNR level for the chrominane signal. 00: Performs no DNR processing on the chrominane signal. 01: Performs DNR level 1 processing on the chrominane signal. 02: Performs DNR level 2 processing on the chrominane signal.
2015	TBC REMOTE	00 01	LOCAL REMOTE	Selects the TBC adjustment mode. 00: Adjustment is performed from the TBC SET. 01: Adjustment is performed by remote control from outside.
2017	COMPONENT OUT LEVEL	00 01	LOW HIGH	Sets the output level of the COMPONENT OUT connector. 00: Outputs an MII component signal. 01: Outputs a Betacam component signal.
2019	TBC CONTROL SELECT	00	V-FLOAT NO V-FLOAT	Used to float the internal SYNC to enable H to be aligned with the reference signal and V to be aligned with the input signal. 00: Floating 01: Not floating

Audio set-up items

	item		Set-up value	Description of function
No.	Superimpose display	No.	Superimpose display	Description of tenous.
3001	DOLBY NR	00 01	OFF ON	Sets the Dolby NR system. 00: Dolby NR system OFF. 01: Dolby NR system ON.
3002	AUDIO LIMITER	00 01	OFF ON	Set the audio limiter function. 100: Dynamic volume is recorded in its orginal form. 11: Automatic volume limiter circuit operates to enable sound to be recorded without distortion even when the input level reaches an excessively high level at moments during recording. 12: This function works for normal sound only.
3003	HI-FI REC	00	OFF ON	Selects the Hi-Fi recording setting. 00: Only normal audio is recorded; no Hi-Fi audio is recorded. 01: Both Hi-Fi and normal audio are recorded.
3004	HI-FI INPUT SELECT	00	HI-FI INPUT NORMAL INPUT	Selects input connectors druing Hi-Fi sound recording. 00: Hi-Fi audio input connectors 01: NORMHi-Fi audio input connectors
3005	CH1 REC	00	CH1 MIX	Selects the input during normal sound CH1 recording. 00: Records CH1 sound. 01: Records mixed CH1/CH2 sound.
3006	AUDIO CH2	00 01	AUDIO LTC	Switches normal audio on or off in CH2. 00: CH2 is used for audio recording. 01: CH2 is used as the LTC track.

[The shading denotes the initial setting.]

Superimpose set-up items

	Item		Set-up value	
No.	Superimpose display	No.	Superimpose display	Description of function
4001	CHARACTER	00	Selection is made while observing superimpose display.	Selects background mode for VIDEO MONITOR superimpose display. 00: Black display = LTCR 00:00:00:00 01: Edge display = LTGR 00:00:00:00
4002	CHARACTER H-POSITION	00 01 02 03 04 05 06 07	Selection is made while observing superimpose display.	Selects horizontal position for VIDEO MONITOR superimpose display; moves characters to right as No. is increased.
4003	CHARACTER V-POSITION	00 01 02 03 04 05 06 07	Selection is made while observing superimpose display.	Selects horizontal position for VIDEO MONITOR superimpose display; moves characters to right as No. is increased. Moved
4004	STATUS SUPER	00 01	OFF ON	Selects whether VTR operation mode is to be indicated as a superimposed display. O: VTR operation not displayed. O: VTR operation displayed.

Remote set-up items

	Item	Item Set-up v		Description of function	
No.	Superimpose display	No.	Superimpose display	Description of function	
5001	EJECT/STOP FNCTN REM.	00 01	POSSIBLE NOT POSSIBLE	Enables or disables operation of panel EJECT/STOP button in remote mode. 00: Enables operation. 01: Disables operation.	
5002	9P DEVICE TYPE SELECT	00 01	OTHER TYPES S-VHS ID	Selects ID code returned to 9P device type request command. 100: When connecting a controller not made by Panasonic. 11: When connecting a controller made by Panasonic.	
5003	9P FF/REW MODE	00	LOADING UNLOADING	Selects the unit's operation in response to FF and REW commands. 00: FF or REW are excuted with the tape loaded. 01: FF or REW are excuted after the tape is unloaded.	
5004	34P SHTL MAX SPEED	00 01	*10 *20	Sets maximum shuttle speed when controlled by 34P controller. 00: 10x normal tape speed 01: 20x normal tape speed	
5005	34P CONTROLLER TYPE	00	TYPE-1 A750 A770 A800 TYPE-2 A650 A500 A505	Selects type of 34P controller to be connected.	

[The shading denotes the initial setting.]

Editing set-up values

	Item		Set-up value	Description of function
No.	Superimpose display	No.	Superimpose display	Description of function
6001	DROP/NON-DROP FRAME	<u>00</u> 01	NON-DROP FRAME DROP FRAME	Sets whether to compensate time deviations for time code or control signal. Oo: Non-drop frame processing; time deviations are not compensated; 30 frames are processed as 1 second. Oi: Drop frame processing; deviations between color sync and real time are compensated. Two frames (.00.01) are skipped from start of positive numbers except 0, 10, 20, 30, 40 and 50.
6002	AUTO PREROLL ENTRY	00	NOT ENTERED ENTERED	Selects whether to enter IN point by preroll command when IN point has not been entered. 00: Not entered 01: Entered
6003	PREROL TIME	00 01 : 05 : 10 :	0 SEC 1 SEC 5 SEC 10 SEC	Selects preroll time for 9P control from 0 to 15 sec.
6004	PLAY DELAY	00 01 : 05 : 10 : 15	O FRAME 1 FRAME 5 FRAME 10 FRAME 15 FRAME	Selects play delay time during play start from 0 to 15 frames.
6005	FRAME SERVO	00 01	OFF ON	Sets framing mode 100: Set to this position when signals not in conformity with EIA standard signals (RS-170) are supplied. Framing is not conducted. 101: Framing is conducted if set to this position when signals in conformity with EIA standard signals (RS-170) are supplied.

Time code set-up items

	Item	•	Set-up value	
No.	Superimpose display	No.	Superimpose display	Description of function
7001	TC INT/EXT SELECT	00 01	INT EXT	Set this switch to EXT if an external time code connection has been made.
7002	VIDEO MODE	00 01 02	REGEN REC RUN FREE RUN	Selects the TC mode. 100: Operates to maintain continuity of the data on the tape. 101: Uses an internal preset value to advance the tape only during recording. 102: Uses an internal preset value to advance the tape all the time.
7003	VITC REC	00 01	OFF ON	Selects whether or not to use VITC recording. 00: Don't use VITC recording. 01: Use VITC recording.
7004	VITC POSITION SEL-1	00 01 05 06 	10 LINE 11 LINE :	Selects VITC signal insertion line. *Same line as No. 7005 cannot be selected. (Avoid selecting an adjoining line.)
7005	VITC POSITION SEL-2	00 01 : 07	10 LINE 11 LINE 17 LINE 17 LINE 18 LINE 19 LINE	Selects VITC signal insertion line. *Same line as No. 7004 cannot be selected. (Avoid selecting an adjoining line.) Note: Do not select line 10 or 11 if the TBC facility is to be used at ON. Skew may make it impossible to read the VITC. There is no effect in the BYPASS mode.
7006	VITC REGEN	00 01	PLAY PLAY + REC	Selects when to use VITC REGEN proxessing. 00: Perform REGEN processing during playback. 01: Perform REGEN processing during playback and when recording audio.
7007	TCG REGEN MODE	00 01 02	TC*UB TC UB	Selects regeneration signal when TCG is in REGEN mode. 00: Regeneration for time code and user's bit. 01: Regeneration for time code only. 02: Regeneration for user's bit only.
7008	TC OUT SIGNAL REGEN	00 01	OFF TAPE REGEN	Sets the waveform to be output from the TIME CODE OUT connector when in the INTERNAL REGEN mode. 00: Outputs the playback signal without modification. 01: Outputs the playback signal with REGEN processing during SERVO LOCK only.

[The shading denotes the initial setting.]

Time code set-up items

	<u>.0 0000 001</u>	~[101110	
	Item		Set-up value	Description of function
No.	Superimpose display	No.	Superimpose display	Description of function
7009	UB BINARY GROUP FLAG	00	NOT SPECIFIED ISO CHARACTER	Selects the way the user's bit is used using TCG generation. 00: Not character set specified.
		02 03	UNASSIGNED 1 UNASSIGNED 2	S-bit character set conforming to ISO646 and ISO2022. Undefined. Undefined.
7010	TIME CODE PRESET	00	TCG preset value is set while observing the screen.	Sets preset value of time code generator. 00:00:00:00-23:59:59:29
7011	U-BIT PRESET	00	UBG preset value is set while observing the screen.	Sets preset value of user's bit. 00:00:00:00~FF:FF:FF:FF
7012	9P VITC TO DUMMY LTC	00 01	OFF ON	Selects the response from 9P to CURRENT TIME SENSE when CH2 is set to "AUDIO." 00: REQUEST TIME DATA MISSING is returned. 01: VITC data is returned as LTC.
7013	9P INTERPOLATED VITC	00 01	HOLD VITC INTERPOLATED LTC	Selects the response method used to return the VITC CTL interpolation value from 9P in response to CURRENT TIME SENSE. 00: HOLD_VITC (74H 16H) is returned. 01: INTERPOLATED_LTC (74H 14H) is returned.

2008/7010/7011 setting method

- 1. Press the STOP button at item No. 2008, 7010 or 7011.
- 2. Turn the JOG dial and move the display to be changed (flashing display).
- The ON and OFF will switch for item No. 2008, and the value will change for item No. 7010 and 7011 when the JOG dial is turned while the STOP button is kept pressed.
- 4. Press the SEARCH (SET) button upon completion of the settings.
- The present time code value is displayed as the initial value for item No. 7010 and 7011. When the RESET button is pressed, it will be reset to "00:00:00:00."
- Operation is not possible for item No. 7010 and 7011 unless the "TC INT/EXT SELECT" (item No. 7001) dial menu function set to "INT" and "TC MODE" (item No. 7002) dial menu function is set to "REC RUN" or "FREE RUN."
- Once the setting mode is entered for item No. 2008, 7010 or 7011, operation cannot be returned to the setting mode of any other item. When the SEARCH (SET) button is pressed upon completion of the setting, the change made to the previous setting for the item will be entered. On the other hand, when the DIAL MODE switch is set to SEARCH without pressing the SEARCH (SET) button first, all the settings including the one which was made previously will be canceled.

Time Code/user's bit

Time code

The "time code," which is based on the time code signal generated by the time code signal generator, recorded on tape, and read out by the time code signal reader, is used to display absolute positions on the tape in units of "hours:minutes:seconds:frames." Knowing an absolute position makes it possible to conduct editing accurately and search operations speedily.

There are two types of time codes: LTC (longitudinal time code) and VITC (vertical interval time code). The LTC is recorded on the tape's normal audio CH2 track. It is used to record the position information on the tape and user's bit information.

The VITC is recorded in the vertical blanking period of the video signals so that even without using the normal audio CH2 track, it is used to record the information regarding position on the tape and user's bit information.

Control signal

Tape LTC time code (audio CH2) Audio CH1 Video signal and Hi-Fi audio VITC time code

The time code itself is indicated on the display and superimpose on the TV monitor.



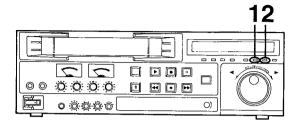
User's bit

Among the time code signals, the "user's bit" is an information released to the user. It is used to record the operator number or real time.

LUBR AB CD EF 88

A total of 16 characters—numbers 0 to 9, A, B, C, D, E and F—can be used for the user's bit. (The characters "B" and "D" are displayed in small letters in the counter display.)

Setting the time code switches



1. Setting the CTL/TC/UB button

displa	selects the time code mode which is indicated on the y.	CTL/TC/ŪB
CTL:	The CTL (control) signal value is indicated.	<u>. </u>
TC:	The time code value is indicated.	
UB:	The user's bit value is indicated.	

2. Setting the LTC/AUTO/VITC button

This selects the read out mode of the time code.

LTC: The LTC time code signal recorded on linear track CH2 is read out.

AUTO: Priority is given to reading out the VITC signal when in the slow mode, and to reading out the LTC signal at all

other times.

VITC: Only the VITC signal is read out.

 Interpolation is provided by the CTL signal when it is no longer possible to read out the time code signal in any of the modes.

3. Settings with the dial menu functions

The time code set-up can be performed using dial menu function item No. 7001 to 7009. (See pages 46, 47.)
The preset values for the time code and user's bit can be set

The preset values for the time code and user's bit can be set using dial menu function item No. 7010 and 7011.

LTC/AUTO/VITC

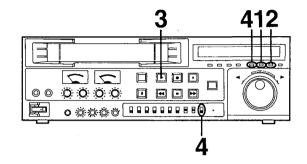
Recording the time code/user's bit

- 1. Recording the optional (preset) time code/user's bit
- [1] Set the "TC INT/EXT SELECT" (item No. 7001) dial menu function to "INT." (See page 46.)
- [2] Set the "TC MODE" (item No. 7002) dial menu function to "REC RUN." (See page 46.)
- [3] Set the preset value using dial menu function item No. 7010 or No. 7011. (See page 47.)
 - Set the "AUDIO CH2" (item No. 3006) dial menu function to "OFF" when the LTC time code is not to be recorded. (See page 42.)
 - Set the "VITC REC" (item No. 7003) dial menu function to "OFF" when the LTC time code is not to be recorded (See page 46.)

2. Recording the continuous time code on the editing tape

- [1] Set the "TC INT/EXT SELECT" (item No. 7001) dial menu function to "INT." (See page 46.)
- [2] Set the "TC MODE" (item No. 7002) dial menu function to "REGEN." (See page 46.)
 - Set the "AUDIO CH2" (item No. 3006) dial menu function to "AUDIO" when the LTC time code is not to be recorded. (See page 42.)
 - Set the "VITC REC" (item No. 7003) dial menu function to "OFF" when the VITC time code is not to be recorded. (See page 46.)
- Dubbing the LTC signal recorded on the tape (Dubbing the LTC signal with the settings below prevents deterioration in the LTC time code signal.)
- [1] Set to "LTC" mode with the LTC/AUTO/VITC button. (See page 49.)
- [2] Set to "TC" mode with the CTL/TC/UB button. (See page 49.)
- [3] Set the "TC MODE" (item No. 7002) dial menu function to "REGEN." (See page 46.)
- [4] Set the "TC OUT SIGNAL REGEN" (item No. 7008) dial menu function to "REGEN." (See page 46.)

Playing back the time code/user's bit



 Set to TC or UB mode with the CTL/TC/UB button.

TC: For time code playback.

UB: For user's bit playback.

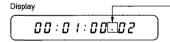
2. Set the LTC/AUTO/VITC button.

LTC: The LTC time code signal recorded on linear track CH2 is read out.

AUTO: Priority is given to reading out the VITC signal when in the slow mode, and to reading out the LTC signal at all other times

VITC: Only the VITC signal is read out.

- Interpolation is provided by the CTL signal when it is no longer possible to read out the time code signal in any of the modes.
- Press the PLAY button.





CTL signal



CTL/TC/UB

LTC/AUTO/MTC

To check the VITC insertion lines during playing back.

Set the CONTROL Switch to "REMOTE" and press the RESET

Display

15 - 18 L

(When VITC is inserted in line 16 and 18.)



CONTROL

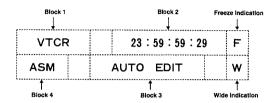


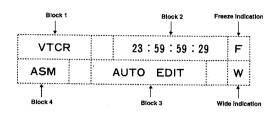
25

Superimpose screen

When the ON SCREEN switch in the front pocket is set to ON, the superimpose signal listed below are added to the signals output from the VIDEO MONITOR connector.

The superimpose display does not appear in the dial menu mode.





Block 1

The time code modes are addreviated on the display usign the following characters.

CTL: Control signal

TCG: Time code generator value

LTCR: Playback value of LTC time code

VTCR: Playback value of VITC time code

ETCG: External time code generator value

LUBG: Generator value of LTC user's bit

VUBG: Generator value of VITC user's bit

LUBR: Playback value of LTC user's bit

VUBR: Playback value of VITC user's bit

EUBG: Generator value of external user's bit

Block 3 (cont.)

. The search is also displayed.

JOG XXXXX (jog) SHTL XXXXX (shuttle)

"xxxxx" denotes the search speed.

____1/25 Tape speed (in this case, search proceeds in the reverse direction at 1/25x normal playback speed)

*:Forward direction/-:reverse direction

Block 2

The time code value is indicated in hours, minutes, seconds and frames, each with 2 digits. (In the UB mode, no colon is displayed.)

12:34:43:21

- [:] = Non-drop frame mode
- [.] = Drop frame mode
- [] = Time code reading disabled

Block 4

The edit modes are indicated as follows.

ASM (Assemble)

V12 (Insert): VIDEO, AUDIO-CH1, AUDIO-CH2

NOTE

 The block 3, 4 displays and wide indication appears only when the "STATUS SUPER" dial menu function (item No. 4004) is set to ON.

Block 3

The VTR operating modes are indicated as below.

EJECT (eject)
PLAY (playback)
REC (recording)

EDIT (editing) EPLY (edit play)

STOP (stop) FF (fast forward) REW (rewind) ST!LL (pause) READY-OFF (ready mode release)

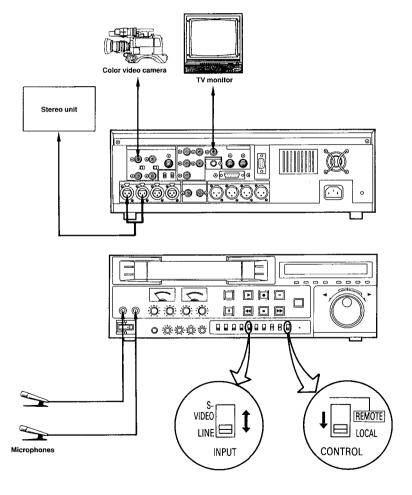
REFERENCE

- The superimpose display characters can be changed using the dial menu function (item No. 4001). (See page 43.)
- The superimpose display position can be moved using the dial menu function (item No. 4002, 4003). (See page 43.)

Connections for basic system

These connections are for editing using one S-VHS VTR.

- . Set the CONTROL switch to LOCAL.
- . Set the "SYNC" (item No. 1001) dial menu function to "NORM".
- Set the "AUDIO CH2" (item No. 3006) dial menu function to "AUDIO". (Set to LTC for editing with the LTC time code signal.)



Dubbing connections

These connections are for editing using two S-VHS VTRs.

The ways to prevent deterioration in the picture quality caused by the dubbing connections are ranked as follows in terms of their effectiveness.

- 1. Use of S-VIDEO cable
- 2. Use of BNC cable
- . Set the CONTROL switch to LOCAL.
- Set the "AUDIO CH2" (item No. 3006) dial menu function to "AUDIO". (Set this to "TIME CODE" when dubbing LTC time code signals.)
- Set the "IMAGE MODE SELECT" (item No. 2001) dial menu function to "EDIT".

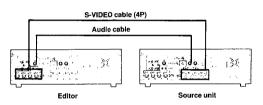
1. Connections using S-VIDEO cable (4P)

Main setting (source unit)

- Dial menu function "SYNC" (item No. 1001) to "NORMAL"
- Dial menu function "IMAGE" (item No. 2001) to "EDIT"

Main setting (editor)

- •INPUT switch to "S-VIDEO"
- •Dial menu function "SYNC" (item No. 1001) to "NORMAL"
- Dial menu function "IMAGE MODE SELECT" (item No. 2001) to "EDIT"



2. Connections using BNC cable.

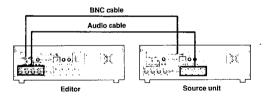
Main setting (source unit)

- Dial menu function "SYNC" (item No. 1001) to "NORMAL"
- Dial menu function "IMAGE MODE SELECT" (item No. 2001) to "EDIT"

Main setting (editor)

- INPUT switch to "LINE"
- Dial menu function "SYNC" (item No. 1001) to "NORMAL"

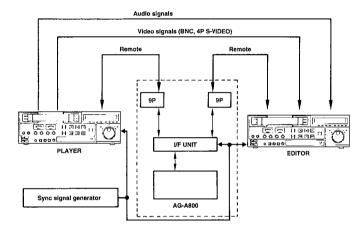
 Policy manage function "IMAGE MODE.
- Dial menu function "IMAGE MODE SELECT" (item No. 2001) to "EDIT"



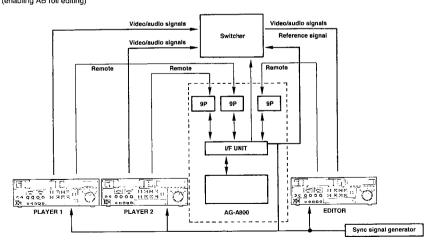
System using 9P editing controller

Editing at a high degree of accuracy and with almost no editing errors can be done by installing the AG-F700 (optional accessory) in this unit and using the 9P editing controller (optional accessory) to conduct time code editing. This unit contains its own time base corrector (TBC) and so obviates the need for time-consuming TBC wiring during system editing.

System composed of one editor and one player



System composed of one editor and two players (enabling AB roll editing)



1. Connect the editing controller

- . Connect it to be REMOTE (9P) connector.
- · Connect the audio signals.
- · Connect the video signals.
- · Connect the REF signals.

Set 9P DEVICE TYPE SELECT (item No. 5002).

Use the dial menu function to set this.

OTHER TYPES (set-up No. 00): When using a controller not made by Panasonic

S-VHS ID (set-up No. 01):

When using a controller made by Panasonic

3. Set the CONTROL switch to REMOTE.

Operate the unit from the editing controller.

For details on how to operate the editing controller, reference should be made to the instruction Manual accompanying the controller.

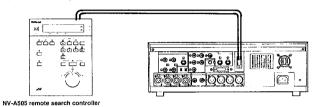
NOTES

- · Set the editing timing for the 9P editing controller to 8 frames.
- When using an editing controller provided with a color framing function, do not set the color framing mode.
- Although, for insert editing using the 9P editing system, it is possible to set the editing channels independently for
 the time code singls and audio signals, this particular unit uses linear track CH2 for both the time code (LTC) and
 normal audio CH2. For this reason, the "AUDIO CH2" dial menu function (item No. 3006) must be set properly in
 accordance with the signals which are to be edited.
- For time code editing, set the "TC INT/EXT SELECT" dial menu function (item No. 7001) to "INT".
- When the 9P editing system is used, the "9P FF/REW MODE" dial menu function (item No. 5003) can be used to select full loading FF/REW and unloading FF/REW.
- Set the dial menu function (item No. 1003) "TAPE PROTECTION" to "AUTO ADVANCE" only when editing lengthy scenes during AB roll editing.
- Set the DIGITAL SLOW switch to "OFF" or "1" to perform editing using synchronization.

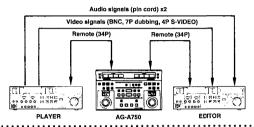
System using remote search controller

System using 34P editing controller

In the 34-pin remote connector (option) is installed and the NV-A505 remote search controller (option) is connected, the unit can be operated from a distance.



It is possible to use the editing controller to operate the unit and edit material with a high degree of accuracy by installing the 34-pin remote connector (option) and connecting the optional 34P editing controller to the unit.



1. Connect the NV-A505 remote search controller to the REMOTE (34-pin) connector.

2. Set the 34P SHTL MAX SPEED (item No. 5004).

Use the dial menu function to set the maximum shuttle search speed which can be operated by the editing controller being used.

10 (set-up No. 00): 10x normal tape speed 20 (set-up No. 01): 20x normal tape speed

Set 34P CONTROLLER TYPE (item No. 5005).

Use the dial menu function to set the type of editing controller being used. TYPE-1 (set-up No. 00): AG-A850, AG-A770, AG-A750 TYPE-2 (Set-up No. 01): AG-A650, NV-A505

4. Set the CONTROL switch to REMOTE.

This disables the operation of all the unit's control buttons except STOP and EJECT.

Operate the NV-A505 remote search controller.

The NV-A505 can be used to control the following:

- · Assemble editing, insert editing
- · Recording, playback
- · Fast forwarding, rewinding, stop and pause
- 9-mode variable speed (0 to 10x or 20x) search playback (but not jog)

REFERENCE

- The remote search controller can be used as an interface when configuring a system in which two or three source units are connected simultaneously.
- · The AG-A600 remote controller can also be used.

. Connect the editing controller

- . Connect it to the REMOTE (34P) connector.
- · Connect the audio signals.
- Connect the video signals.

Set the 34P SHTL MAX SPEED (item No. 5004).

Use the dial menu function to set the maximum shuttle search speed which can be set by the editing controller being

10 (set-up No. 00): 10× normal tape speed 20 (set-up No. 01): 20× normal tape speed

3. Set 34P CONTROLLER TYPE (item No. 5005).

Use the dial menu function to set the type of editing controller to be used.

TYPE-1 (set-up No. 00): AG-A800, AG-A770, AG-A750

4. Set the CONTROL switch to REMOTE.

TYPE-2 (set-up No. 01): AG-A650, NV-A500, NV-A505

Operate the unit from the editing controller.

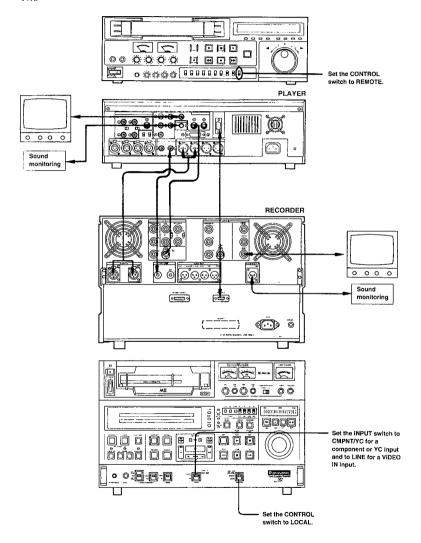
For details on how to operate the editing controller, reference should be made to the Instruction Manual accompanying the controller.

NOTES

- Use the DIGITAL SLOW switch on the editor at the "OFF" position. The editing accuracy will be impaired if the switch is used at "ON."
- When using the AG-7750 or AG-7650 as the source unit, set the "PLAY DELAY" (item No. 6004) dial menu function on the editor to "1 FRAME."
- When the NV-A500 editing controller is used, preview may not be terminated even when the EDIT STOP button is pressed. In cases like this, press the PAUSE button.
- When the AG-A800 editing controller is used in a 34P system, the tape may advance with the READY ON/OFF
 operation but this has no effect on the editing accuracy.
- When the AG-A800 editing contrtoller is used in a 34P system, use it in the STOP EE mode. In the STOP PB
 mode, preview operations during assembly editing cannot be conducted.
- . Set the editor's MEMORY switch to "EDIT" and the player's MEMORY switch to "PLAY."

System using MII unit

This unit comes with an RS-422A interface facility which enables it to be connected with a professional/industrial MII VTR



The above system employs the model AU-65 MII VTR designed for commercial applications.

Error displays

When an error appears on the counter display, it means that a malfunction has occurred in the unit. When this happens, terminate operation without delay and remedy the trouble by following the instructions in the Instruction Manual.

Error display	Problem	Remedy
d	Condensation	Leave power on and wait until error display is cleared (see MEMO below).
E - 0 *	Malfunction in fan motor section	Turn off the power and switch it back on again, and check that the unit operates normally.
E - 2	Malfunction in elevator section	This occurs when the cassette has not been inserted properly. Turn off the power and switch it
E - 3	Malfunction in loading section	back on again, and check that the unit operates normally.
E - 4	Malfunction in cylinder section	This occurs when a heavy load is applied because
E - 5	Malfunction in reel section	condensation has formed on the tape or for some other reason. Turn off the power and switch it back
E - 6	Malfunction in tension section	on again, and check that the unit operates normally.
E - 7	Malfunction in solenoid section	Turn off the power and switch it back on again, and check that the unit operates normally.

• Contact your authorized dealer if the unit does not function normally when the above remedial action has been taken.

*Fan motor error display



When trouble occurs in the fan motor area, the warning display shown on the left is output to the monitor screen alternately with the regular counter display. Since the unit's power will be automatically turned off about 20 minutes after this warning is output, complete the work speedily and turn off the power. The power can be switched back on in about 20 minutes' time.

MEMO

Condensation

This phenomenon is caused by the same principle under which droplets of moisture (condensation) form on a window in a heated room when it is cold outside. It can occur when the unit or a tape is moved to a location with a significantly different temperature or humidity. It also occurs:

- When the unit or tape is moved to a location full of steam which cannot escape or a location with a high humidity, or immediately after movement to a heated room
- When the unit or tape is moved quickly from a cold or cooled location to a high-temperature and/or high-humidity location

SHOULD A MALFUNCTION OCCUR, TURN OFF THE POWER IMMEDIATELY, TAKE HOLD OF THE POWER PLUG AND DISCONNECT IT FROM THE POWER SOCKET AND CONTACT YOUR DEALER. CONTINUED USE MAY CAUSE FURTHER DETERIORATION OR LEAD TO AN ACCIDENT.

Servo reference

This unit automatically selects the input video signal selected by the INPUT switch, the REF VIDEO signal supplied from the REF IN connector or the internal sync signal (INT) as the servo reference signal.] The relationship between the "SYNC" dial menu function (item No. 1001) and servo reference signal during normal playback and recording is as described below.

During playback or search

_ During play	back of Search		
SYNC	Input signal mode		
SELECT switch position	VIDEO IN signal	REF IN signal	Reference signal
NORM	0	0	REF IN signal
	0	×	INT sync signal
	×	0	REF IN signal
	×	×	INT sync signal
EXT	0	0	REF IN signal
	0	×	INT sync signal
	×		REF IN signal
	×	×	INT sync signal

During editing or recording

- During cuit	ing or recording		
SYNC	Input sign	nal mode	
SELECT switch position	VIDEO IN signal	REF IN signal	Reference signal
NORM	0	0	VIDEO IN signal
	0	×	VIDEO IN signal
	×	0	REF IN signal
	×	×	INT sync signal
EXT	0	0	REF IN signal
	0	×	INT sync signal
	X	0	REF IN signal
	×	×	INT sync signal

[&]quot;O": signal is supplied; "X": signal is not supplied.

Connector signals

REMOTE 9P connector

Pin no.	Description of signal
1	GND
2	TRANSMIT A
3	RECEIVE B
4	RECEIVE COMMON
5	SPARE
6	TRANSMIT COMMON
7	TRANSMIT B
8	RECEIVE A
9	GND

S-VIDEO IN/OUT connectors (4P)

Pin no.	Description of signal
1	Y GND
2	C GND
3	Y signal
4	C signal

TBC REMOTE connector (15P)

Pin no.	Description of signal
1	
2	SET UP
3	CLEVEL
4	GND
5	+ 12 V
6	SYSTEM HO
7	SYS. SC COARSE (2)
8	- 12 V
9	HUE
10	VIDEO LEVEL
11	RET GND
12	
13	
14	SYS. SC FINE
15	SYS. SC COARSE (1)

AUDIO IN/OUT connectors (XLR)

Pin no.	Description of signal
1	GND
2	нот
3	COLD

REMOTE 34P connector (option)

Pin no.	Description of signal
1	REC SWITCH*1
2	PLAY SWITCH*1
3	FF SWITCH*1
4	REW SWITCH*1
5	STOP SWITCH*1
6	
7	PAUSE SWITCH*1
8	CASSETTE IN SWITCH*2
9	CUT IN SWITCH*1
10	
11	SERVO LOCK*2
12	GND
13	SWITCH STEP*1
14	REVERSE COUNT*2
15	CUT OUT SWITCH*1
16	EDIT SWITCH*1
17	REVERSE IN*2
18	CONTROL PULSE OUT
19	REMOTE 19*1
20	START MARK
21	EJECT SWITCH*1
22	INSERT CH1*1
23	REC HOLD*2
24	PLAY HOLD*2
25	FF HOLD*2
26	REW HOLD*2
27	INSERT CH2*1
28	
29	PAUSE HOLD*2
30	REMOTE 30*1
31	CUT IN HOLD*2
32	INSERT VIDEO*1
33	REMOTE 33*1
34	+ 12 V
1 Active low	(INDIT)

^{*1} Active low (INPUT

^{*2} Open collector, active low (OUTPUT)

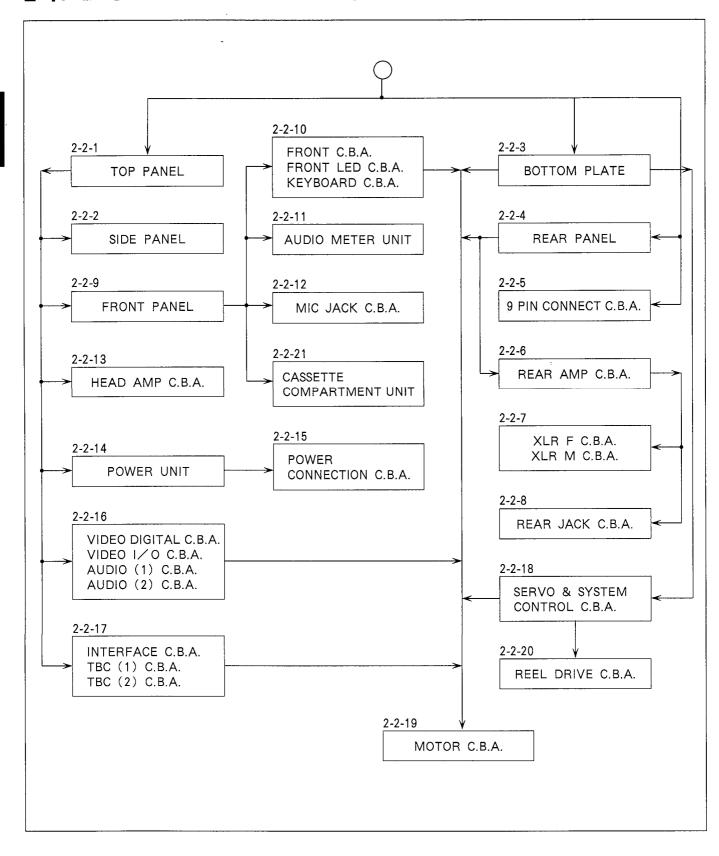
SECTION 2

DISASSEMBLY PROCEDURES

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2-1. DISASSEMBLY FLOWCHART



2-2. DETAILED DISASSEMBLY METHOD

2-2-1. Removal of the Top Panel

- 1. Unscrew the 2 screws (A) on the Top Panel (Figure D2).
- 2. Carefully lift the rear of the case and side it off the back of the unit.

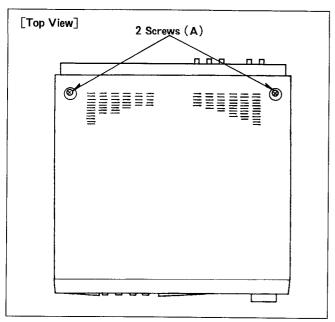


Figure D2

2-2-2. Removal of the Side Panels

- Unscrew the 8 screws (B) on the Side Panels. (Figure D3)
- 2. Lift the Side Panels.

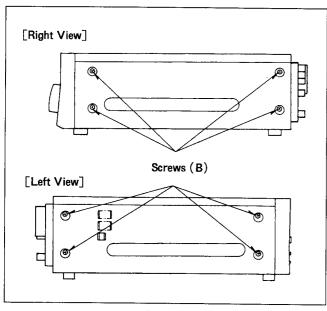


Figure D3

2-2-3. Removal of the Bottom Plate

- 1. Unscrew the 9 screws (C-1) and 3 screws (C-2). (Figure D4)
- 2. Lift the Bottom Plate.

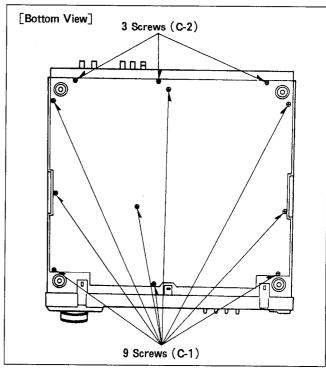


Figure D4

2-2-4. Removal of the Rear Panel

- Unscrew the 6 screws (D) on the Rear Panel. (Figure D5)
- 2. Lift the Rear Panel and carefully pull the panel off the unit (with taking care for the connection to the Mother C.B.A.).

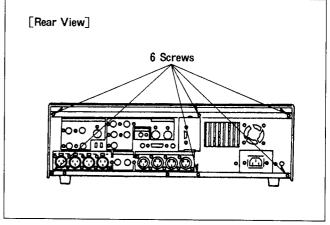
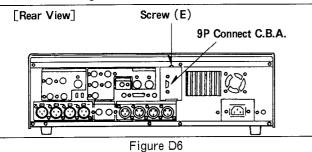


Figure D5

2-2-5. Removal of the 9 Pin Connect C.B.A.

- Unscrew a screw (E) on the 9 pin Connect C.B.A. (Figure D6)
- 2. Lift the 9 Pin Connect C.B.A. and pull out the connector (P69005). (Figure D7)



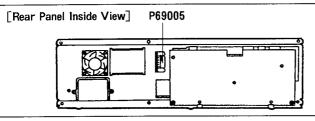


Figure D7

2-2-6. Removal of the Rear Amp C.B.A.

- Unscrew the 2 screws (F) and unlock the 3 locking tabs
 (a) on the Rear Amp C.B.A. (Figure D8)
- 2. Lift the Rear Amp C.B.A. and then disconnect the 4 flexible cables (P6601, P6604, P6605 and P6608) and the 3 connectors (P4007, P4008 and P6607). (Figure D9)

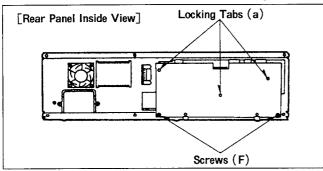


Figure D8

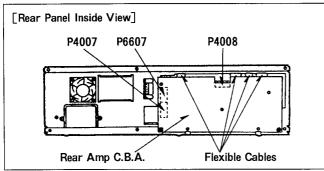


Figure D9

2-2-7. Removal of the XLR F C.B.A. and XLR M C.B.A.

- Unscrew the 8 screws (G-1) and remove the XLR F C.B.A. (Figure D10 and D11)
- 2. Unscrew the 8 screws (G-2) and remove the XLR M C.B.A. (Figure D10 and D11)

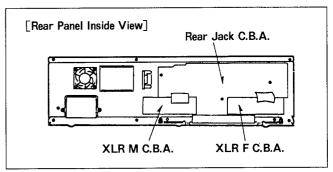


Figure D10

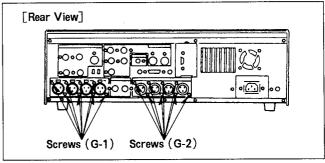


Figure D11

2-2-8. Removal of the Rear Jack C.B.A.

- 1. Unscrew the 14 screws (H-1) and 4 screws (H-2). (Figure D10 And D12)
- 2. Lift the Rear Jack C.B.A.

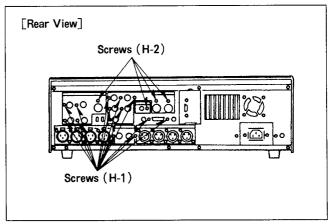


Figure D12

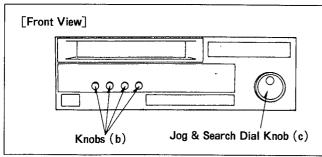


Figure D13

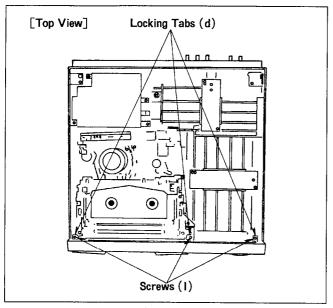


Figure D14

2-2-9. Removal of the Front Panel

- Pull out the 4 Knobs (b) on the Front Panel. (FigureD13)
- 2. Pull out the Jog & Search Dial Knob (c) on the Front Panel. (Figure D13)
- Unscrew the 3 screws (I) on the top of the Front Panel and a screw (J) on the bottom of the Front Panel. (Figure D14 and Figure D15)
- 4. Unlock the 3 locking tabs (d) on the top of the Front Panel and the 2 locking tabs (e) on the bottom of the Front Panel and then remove it. (Figure D14 and D15)

2-2-10. Removal of the Front, Front LED and Keyboard C.B.A.

- 1. Unscrew the 4 screws (K) on the Jog & Search Dial Unit and pull out a connector (P62005). (Figure D16)
- 2. Lift the Jog & Search Dial Unit.
- 3. Unscrew the 2 screws (L-1) and pull out the flexible cable (P62501). (Figure D17)
- 4. Lift the Front LED C.B.A.
- 5. Unscrew the 4 screws (L-2) and pull out the flexible cable (P62701). (Figure D17)

- 6. Lift the Keyboard C.B.A.
- 7. Unscrew a screw (M) and unlock the 3 locking tabs (f) on the Front C.B.A. (Figure D18)
- Carefully pull the Front C.B.A. off the unit (with taking care for the connection to the Mother C.B.A.) and then disconnect the 2 connectors (P62007 and P62008). (Figure D18)

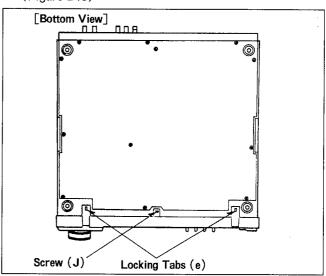


Figure D15

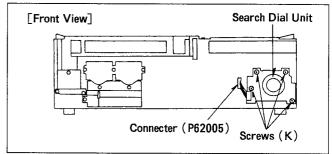


Figure D16

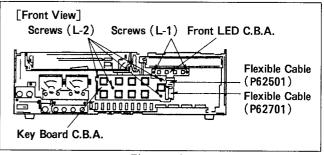


Figure D17

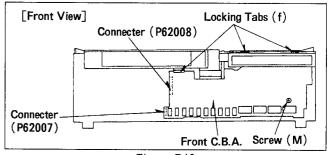


Figure D18

2-2-11.Removal of the Audio Meter Unit

- Unscrew the 6 screws (N) on the Audio Meter Unit. (Figure D19)
- 2. Lift the Audio Meter Unit.

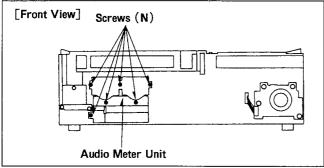


Figure D19

2-2-12. Removal of the MIC Jack C.B.A.

- Unscrew the 3 screws (O) on the MIC Jack C.B.A. (Figure D20)
- 2. Lift the MIC Jack C.B.A.

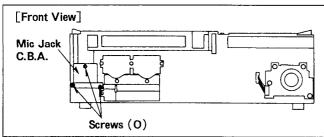


Figure D20

2-2-13. Removal of the Head Amp C.B.A.

- Unscrew the 2 screws (P) on the Head Amp C.B.A. (Figure D21)
- 2. Carefully Pull out the Head Amp C.B.A.

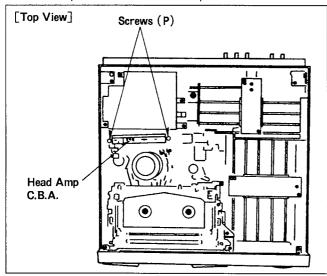


Figure D21

2-2-14. Removal of the Power Unit

- Unscrew the 2 screws (Q) on the Heat Sink (g). (Figure D22)
- Unscrew the 4 screws (R) on the Power Unit. (Figure D23)
- 3. Lift the Power Unit and then carefully pull out the 3 connectors (P1001, P1002 and P1003). (Figure D23)

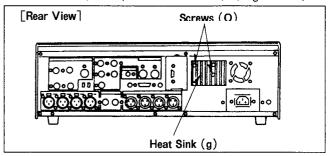


Figure D22

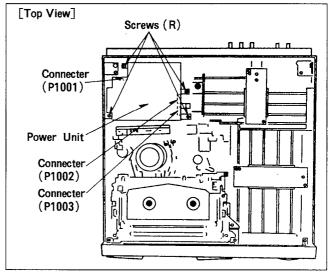


Figure D23

2-2-15. Removal of the Power Connection C.B.A.

- Unscrew the 2 screws (S) on the Rear Panel. (Figure D24)
- 2. Unscrew the 4 screws (T-1) on the Power Connection C.B.A. and a screw (T-2) on the cabinet. (Figure D25)
- 3. Carefully lift the Power Connection C.B.A. and then disconnect a connector (P1101). (Figure D25)

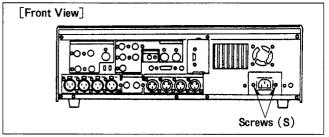


Figure D24

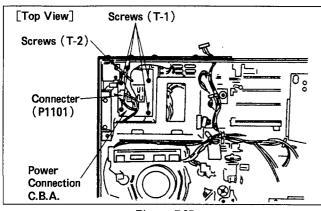


Figure D25

2-2-16. Removal of the Video Digital, Video I / O, Audio (1) and Audio (2) C.B.A.

- 1. Unscrew the 2 screws (U) and remove the C.B. Hold Piece A. (Figure D26)
- Carefully pull out the Video Digital, Video I/O, Audio
 and Audio (2) C.B.A. from Mother C.B.A. (Figure D26)

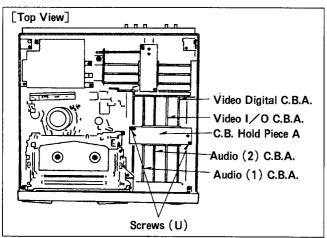


Figure D26

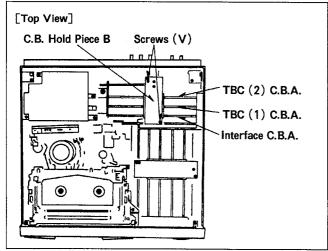


Figure D27

2-2-17. Removal of the Interface, TBC (1) and TBC (2) C.B.A.

- Unscrew the 2 screws (V) and remove the C.B. Hold Piece B. (Figure D27)
- 2. Carefully pull out the Interface C.B.A., TBC (1) C.B.A. and TBC (2) C.B.A. from Mother C.B.A. (Figure D27)

2-2-18. Removal of the Servo & System Control C.B.A.

- Unscrew the 5 screws (W) on the Servo & System Control C.B.A. (Figure D28)
- Unlock a locking tab (h) on the Servo & System Control C.B.A. (Figure D28)
- 3. Open the Servo & System Control C.B.A.
- 4. Disconnect the 2 flexible cables, the 3 flat cables and the all connectors from the Servo & System Control C.B.A.
- Carefully lift the Servo & System Control C.B.A. off the unit in the direction indicated by arrow (with taking care for the connection to the Mother C.B.A.). (Figure D29)

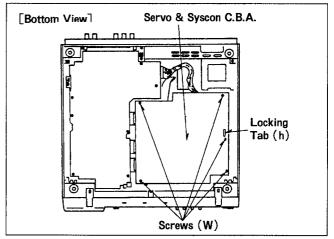


Figure D28

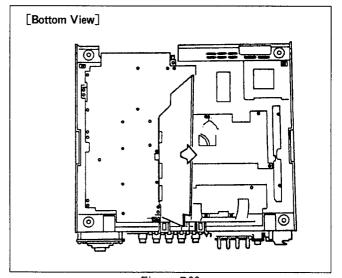


Figure D29

2-2-19. Removal of the Mother C.B.A.

- *NOTE: Before removing the Mother C.B.A., be sure to remove the Rear Panel, Front C.B.A., Video Digital C.B.A., Video I/O C.B.A., Audio (1) C.B.A., Audio (2) C.B.A., Interface C.B.A., TBC (1) C.B.A., TBC (2) C.B.A. and Servo & System Control C.B.A.
- 1. Unscrew the 8 screws (X) on the Mother C.B.A. (Figure D30)
- 2. Lift the Mother C.B.A. and then disconnect the 2 connectors (P910 and P951). (Figure D30)

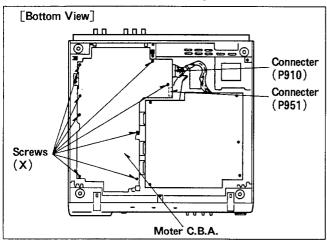


Figure D30

2-2-20. Removal of the Reel Drive C.B.A.

- Unlock the 2 locking tabs (i) on the Reel Drive C.B.A. (Figure D31)
- 2. Disconnect the 3 Flexible Cables (P2701, P2704 and P2705) and a connector (P2702). (Figure D31)
- 3. Carefully pull the Reel Drive C.B.A. in the direction indicated by arrow. (Figure D31)

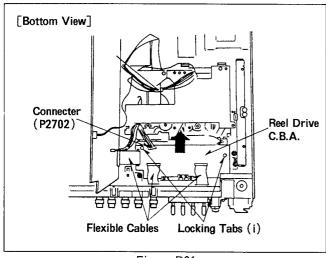


Figure D31

2-2-21. Removal of the Cassette Compartment

- 1. Unscrew the 2 screws (Y-1) and a screw (Y-2). (Figure D32)
- 2. Disconnect 2 wires and 4 wiresfrom the connector (P1508) on the right side of the Cassette Compartment. (Figure D32)
- 3. Remove the Top plate.
- 4. Remove a Cassette Holder Unit. (Figure D33)
- 5. Unscrew the 4 screws (Z) and remove the Cassette Compartment Unit. (Figure D34)
- *NOTE: When installing the Cassette Compartment Unit, refer to Mechanical Adjustment Procedures.

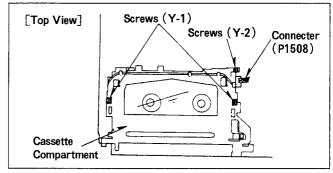


Figure D32

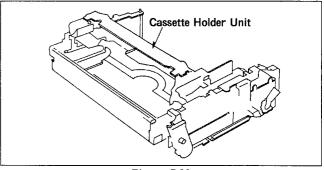


Figure D33

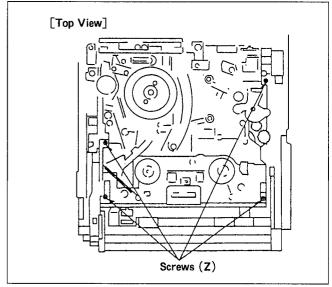


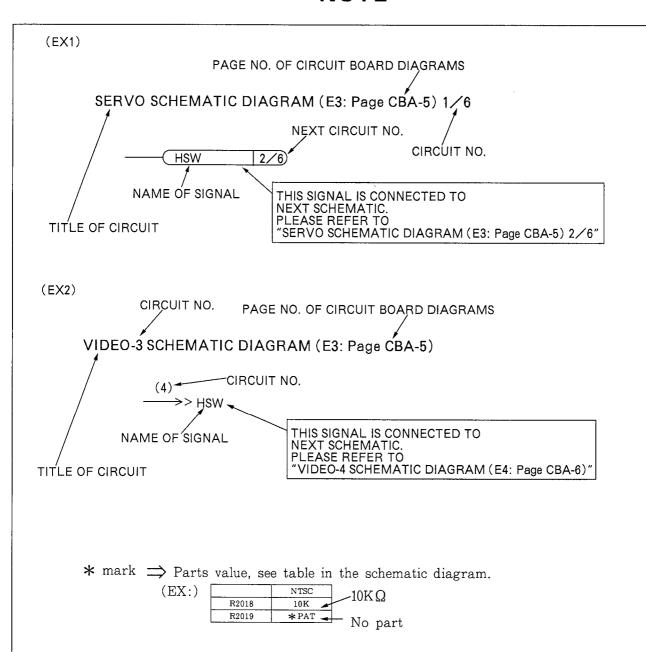
Figure D34

SCREWS

(A)	(B)	(C-1)	(C-2)	(D),(E),(H-1),(H-2)
VHD0222 (SILVER)	VHD0426 (SILVER)	VHD0059 (GOLD)	XYE3+EF6 (GOLD)	8 mm XTV3+8FFZ (BLACK)
(F)	(G-1), (G-2)	(I),(J),(N),(O), (R),(W),(X)	(K),(M)	(L-1), (L-2)
XTV3+8FFR (RED)	XYN26+6FE (BLACK)	10 mm XTV4+10JR (RED)	10 mm XTV4+10JFR (RED)	5 mm XYN26+C5FR (RED)
(P)	(0)	(S)	(T-1)	(T-2)
XTW3+8TR (RED)	12 mm XYN26+C12FZ (BLACK)	12 mm XYN3+F12FZ (BLACK)	10 mm XTW3+10TFR (RED)	6 mm XYE4+EF6 (GOLD)
(U),(V)	(Y-1)	(Y-2)	(Z)	
8 mm XYN3+F8R (RED)	XTB26+8G (GOLD)	XTV3+8G (GOLD)	8 mm XTV26+8FR (RED)	

SCHEMATIC DIAGRAMS

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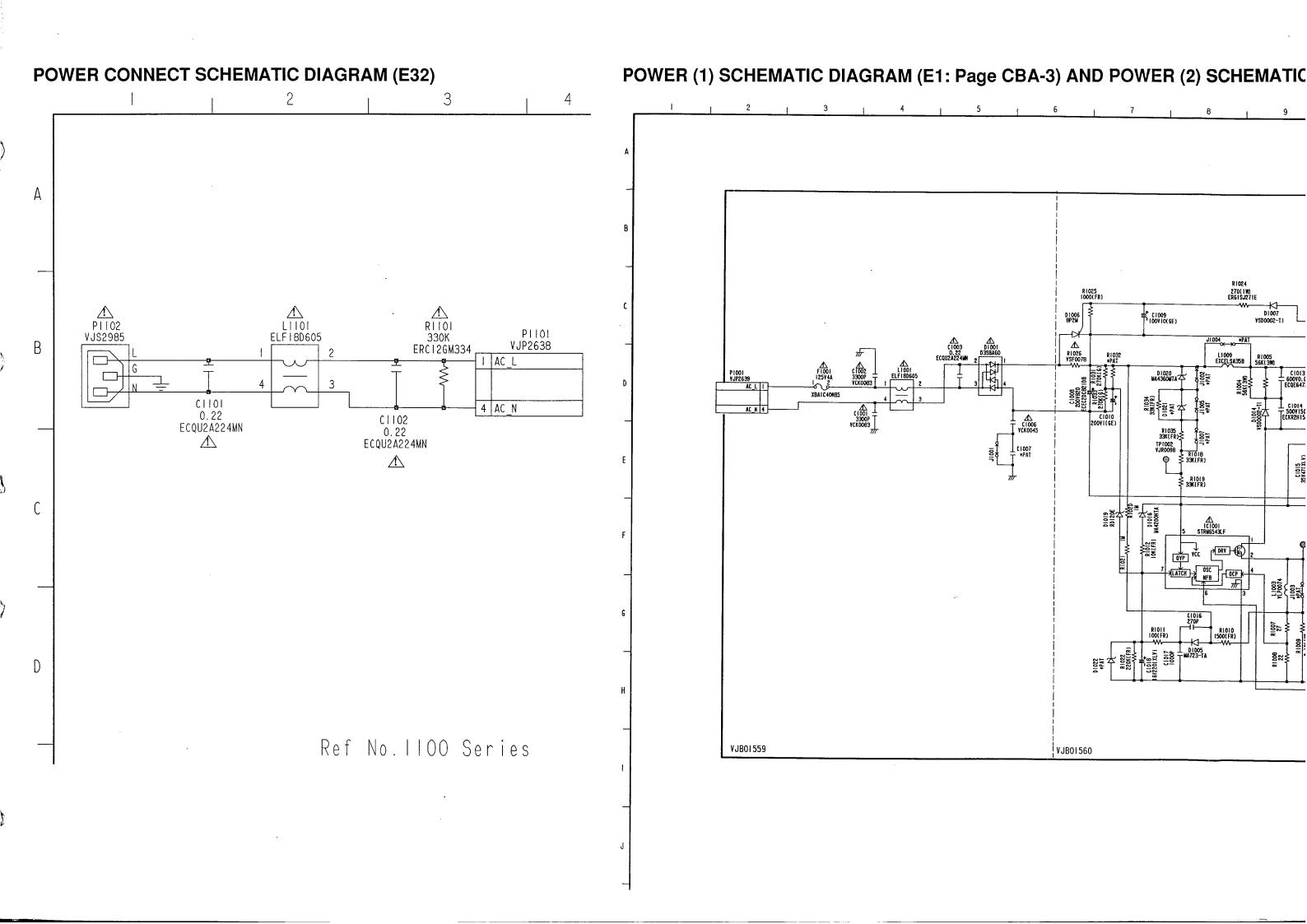
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IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED WITH THE MARK A HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

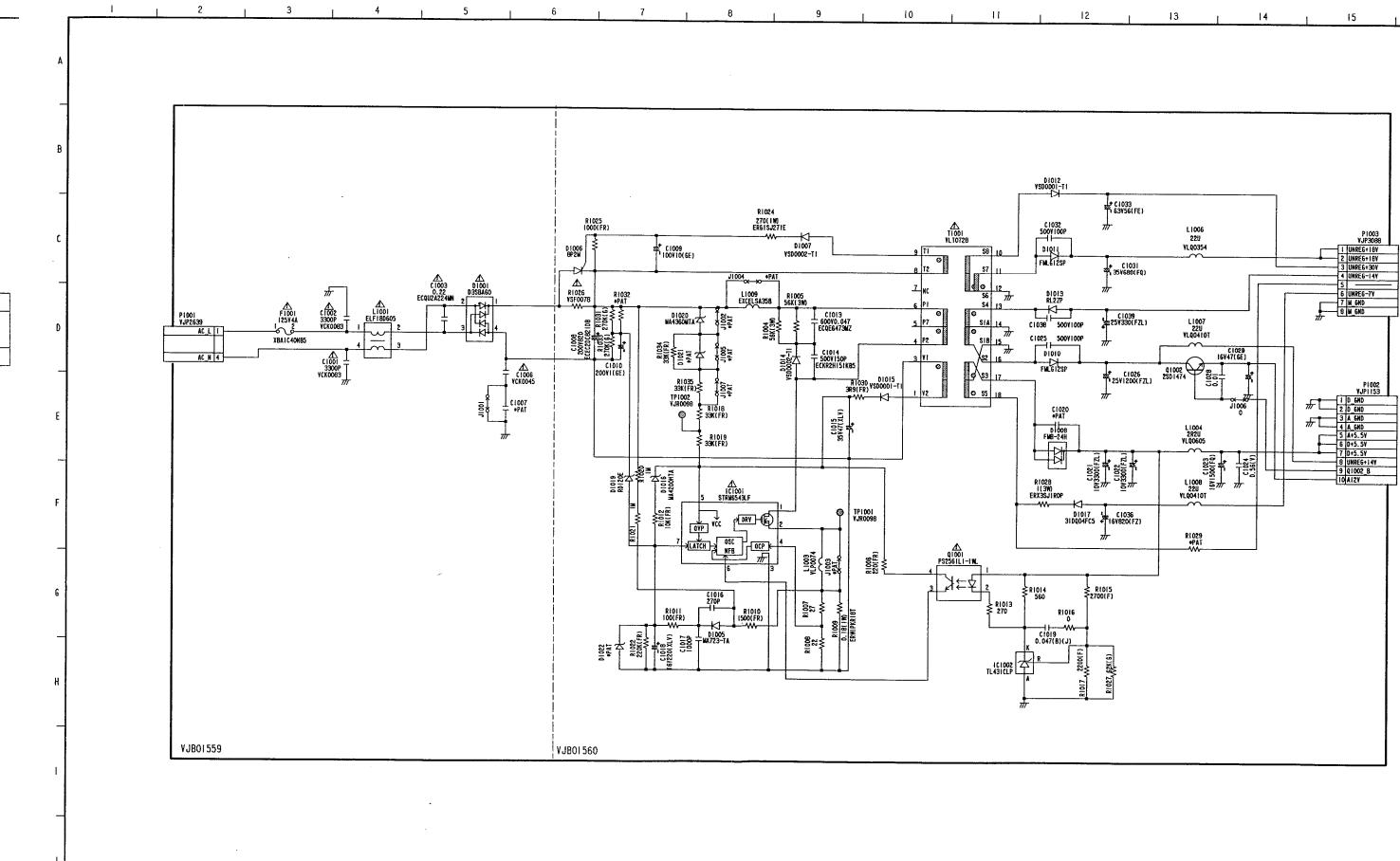
NOTE

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST. AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.



POWER (1) SCHEMATIC DIAGRAM (E1: Page CBA-3) AND POWER (2) SCHEMATIC DIAGRAM (E2: Page CBA-3)

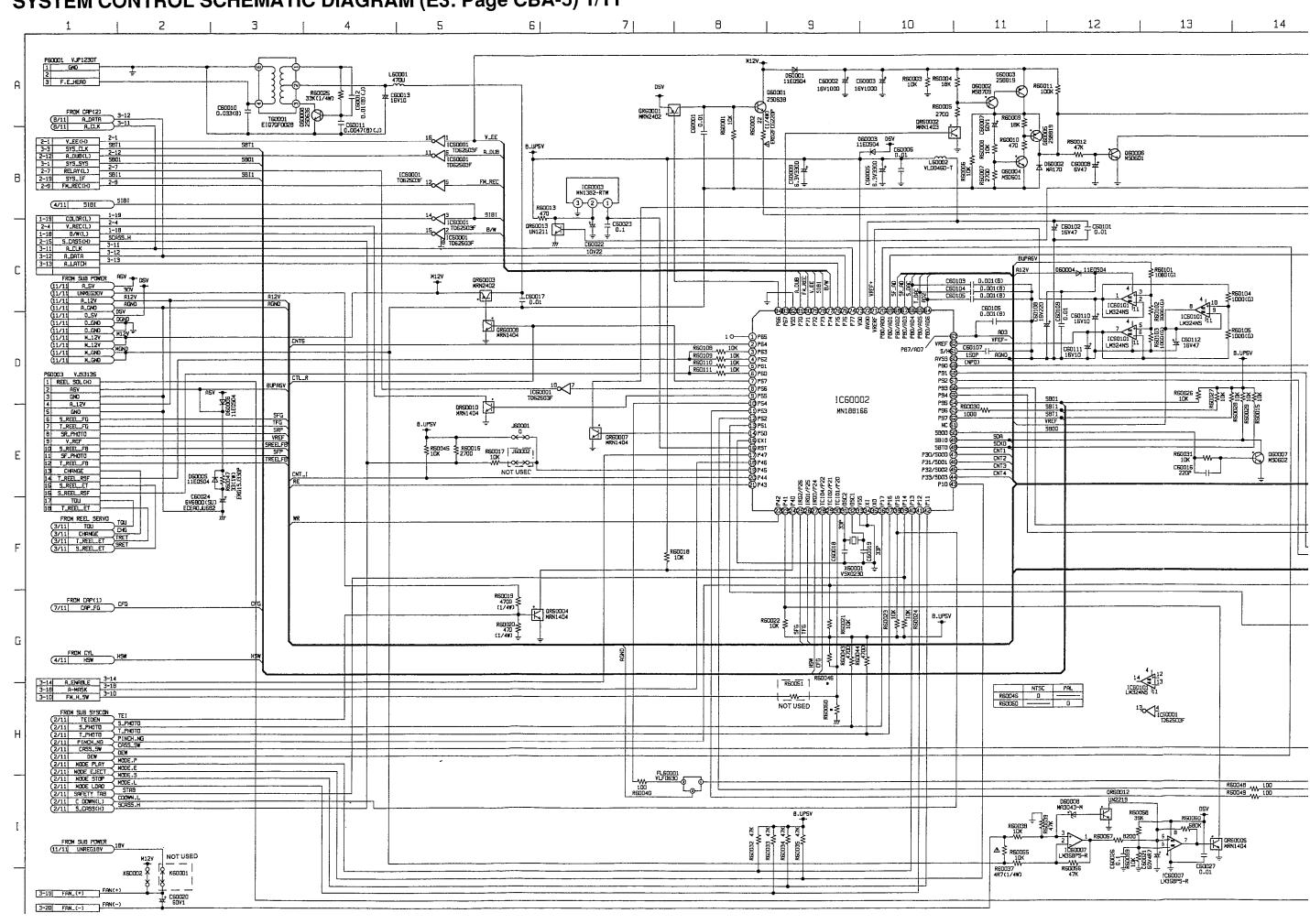
P1101 VJP2638

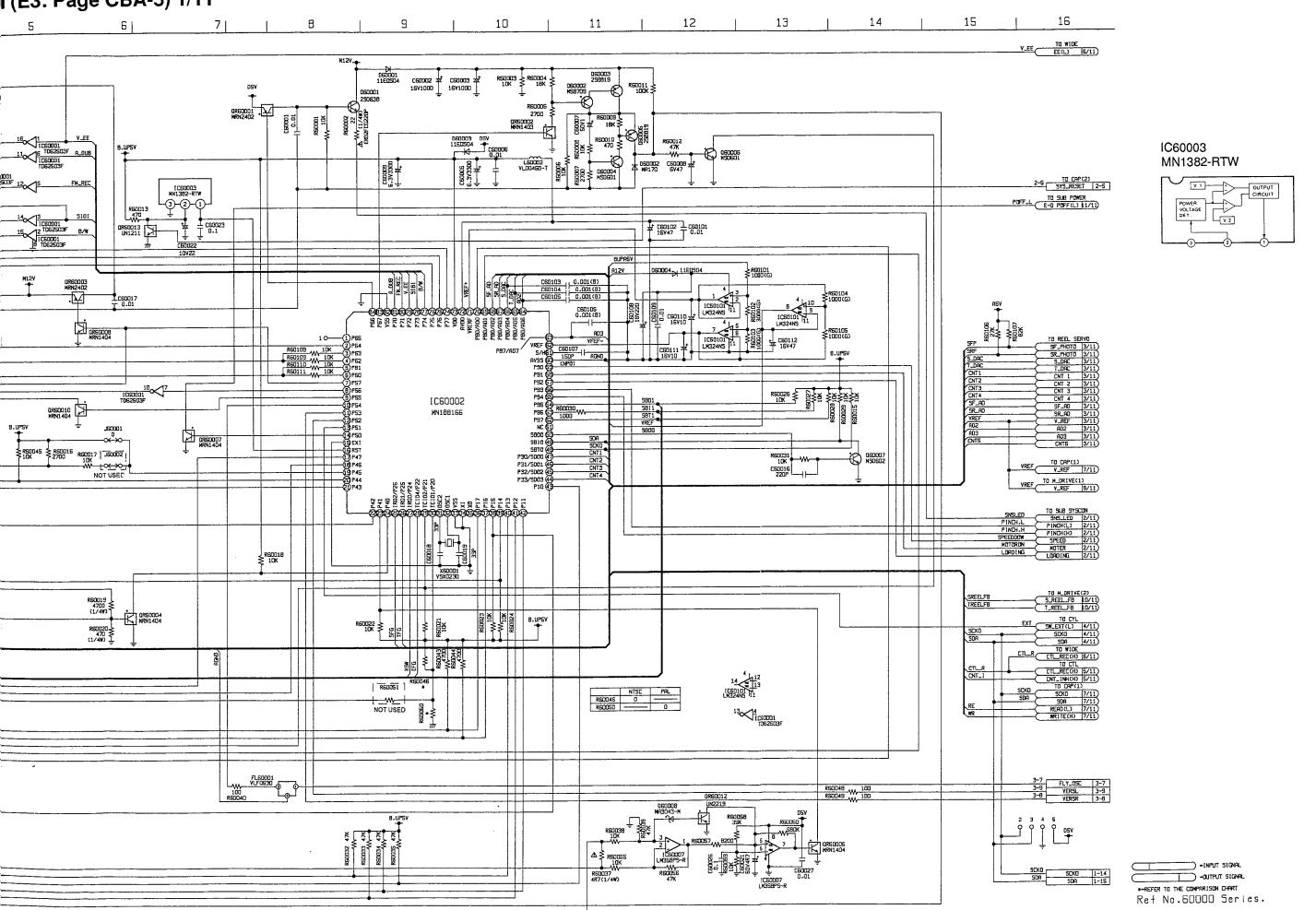


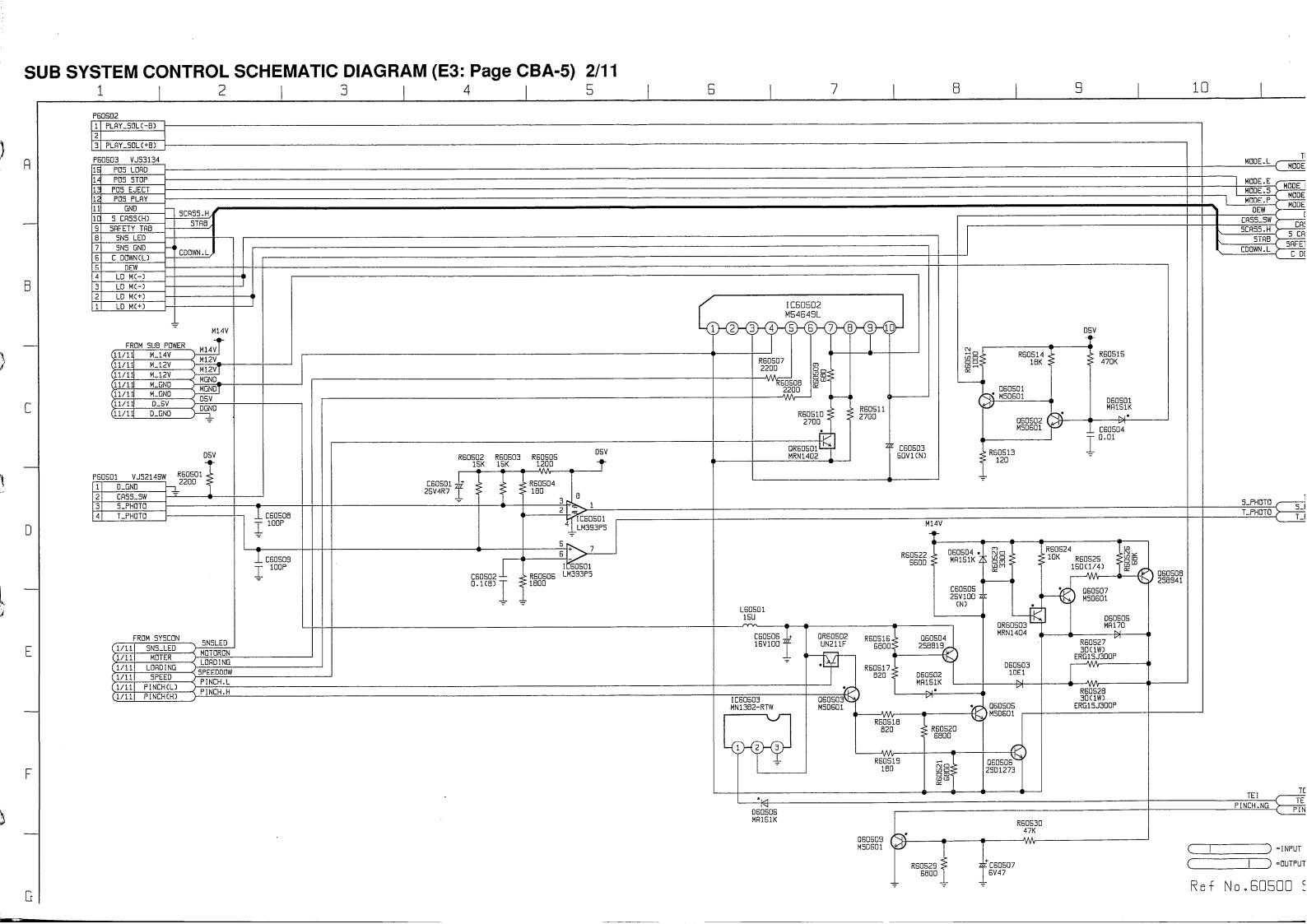
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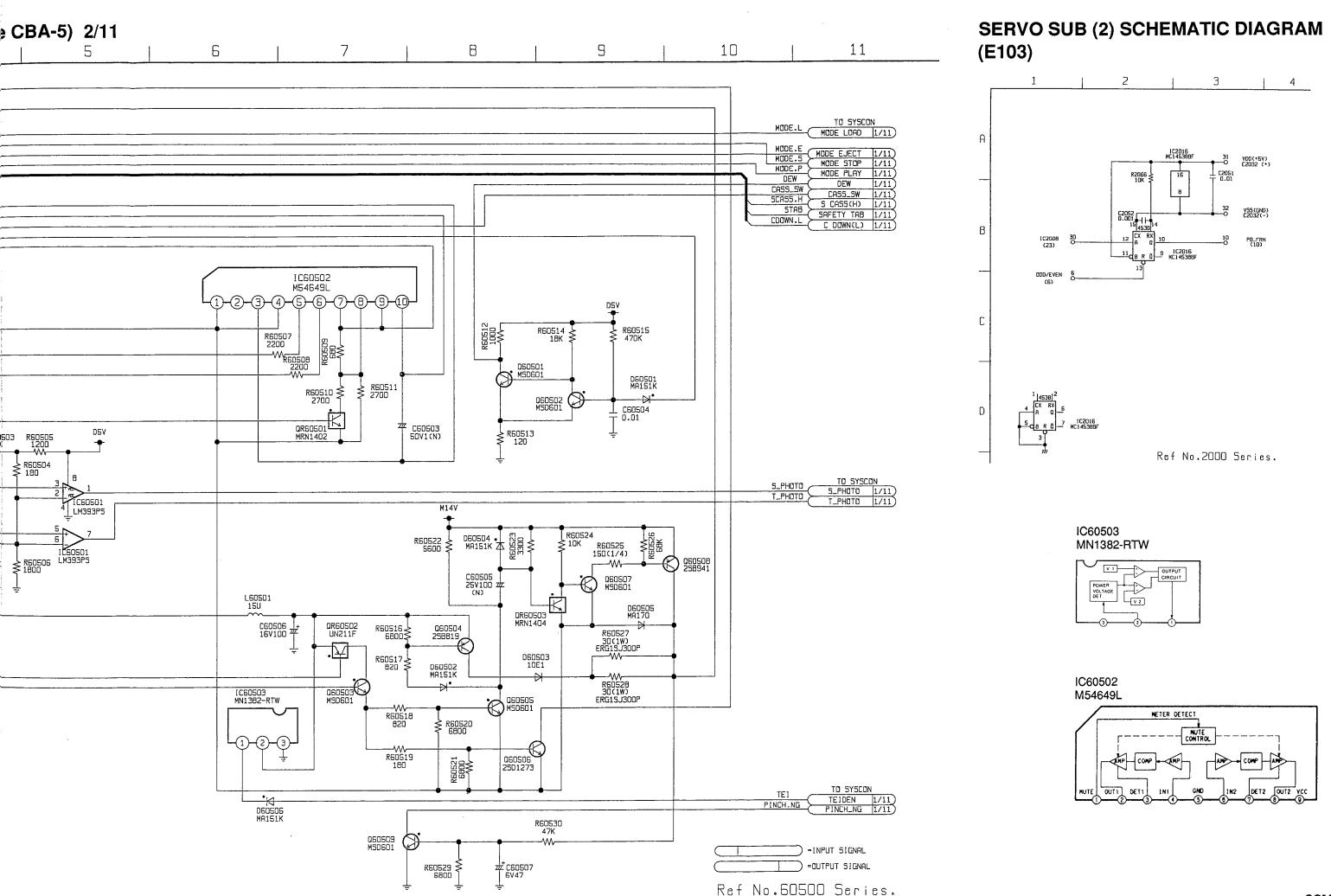
scm-5

SYSTEM CONTROL SCHEMATIC DIAGRAM (E3: Page CBA-5) 1/11

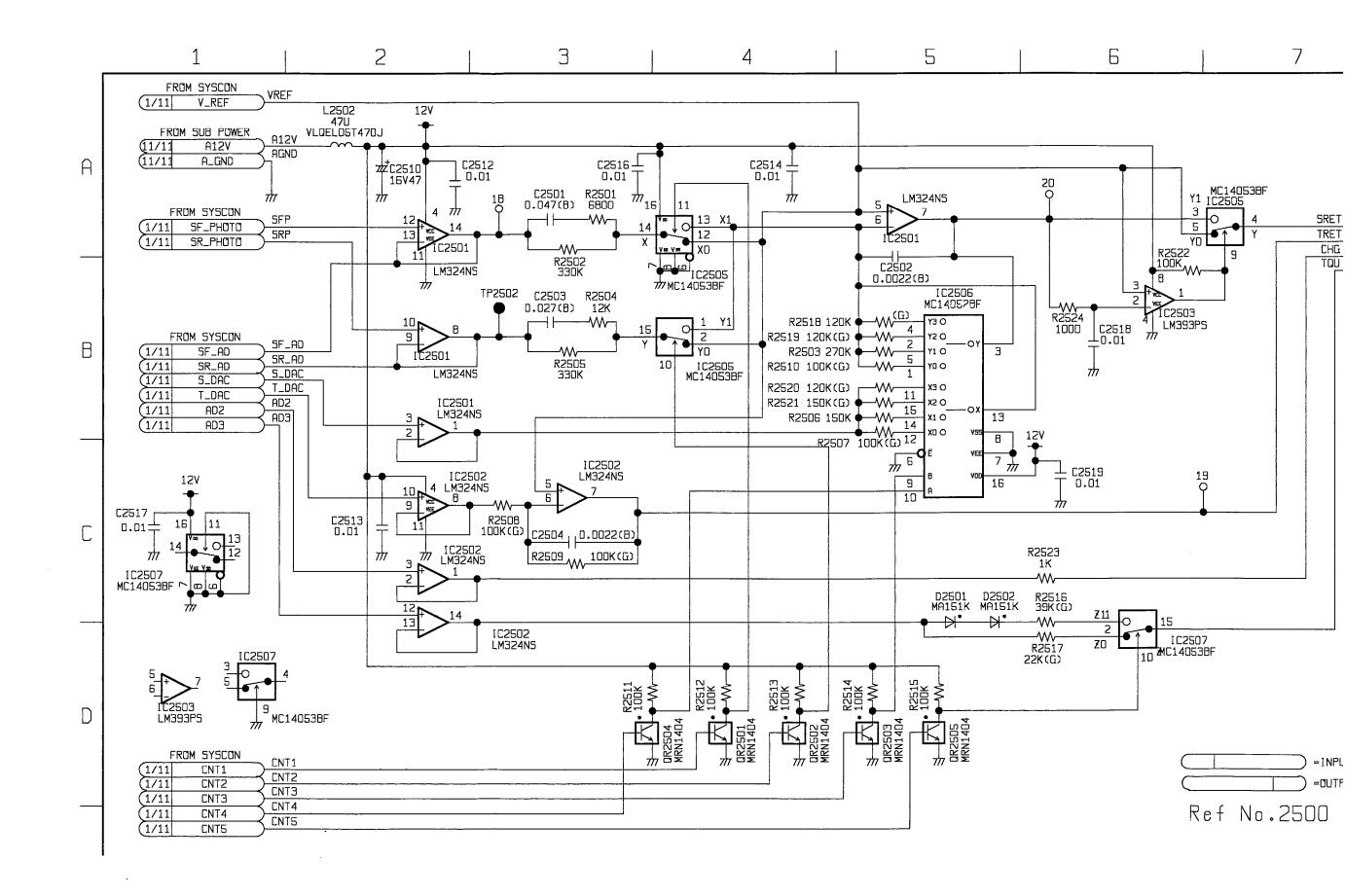




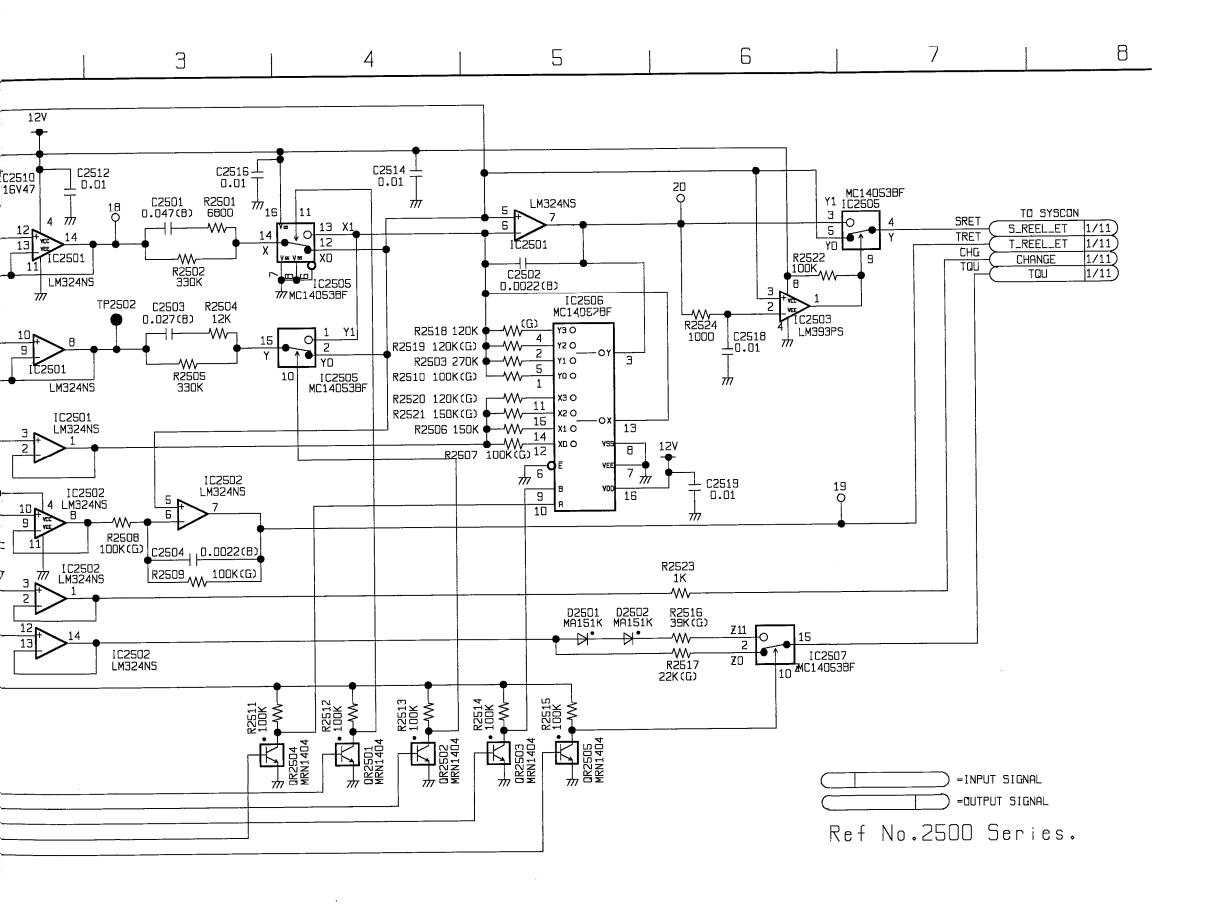




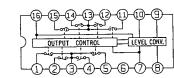
REEL SERVO SCHEMATIC DIAGRAM (E3: Page CBA-5) 3/11



GRAM (E3: Page CBA-5) 3/11



IC2506 MC14052BF

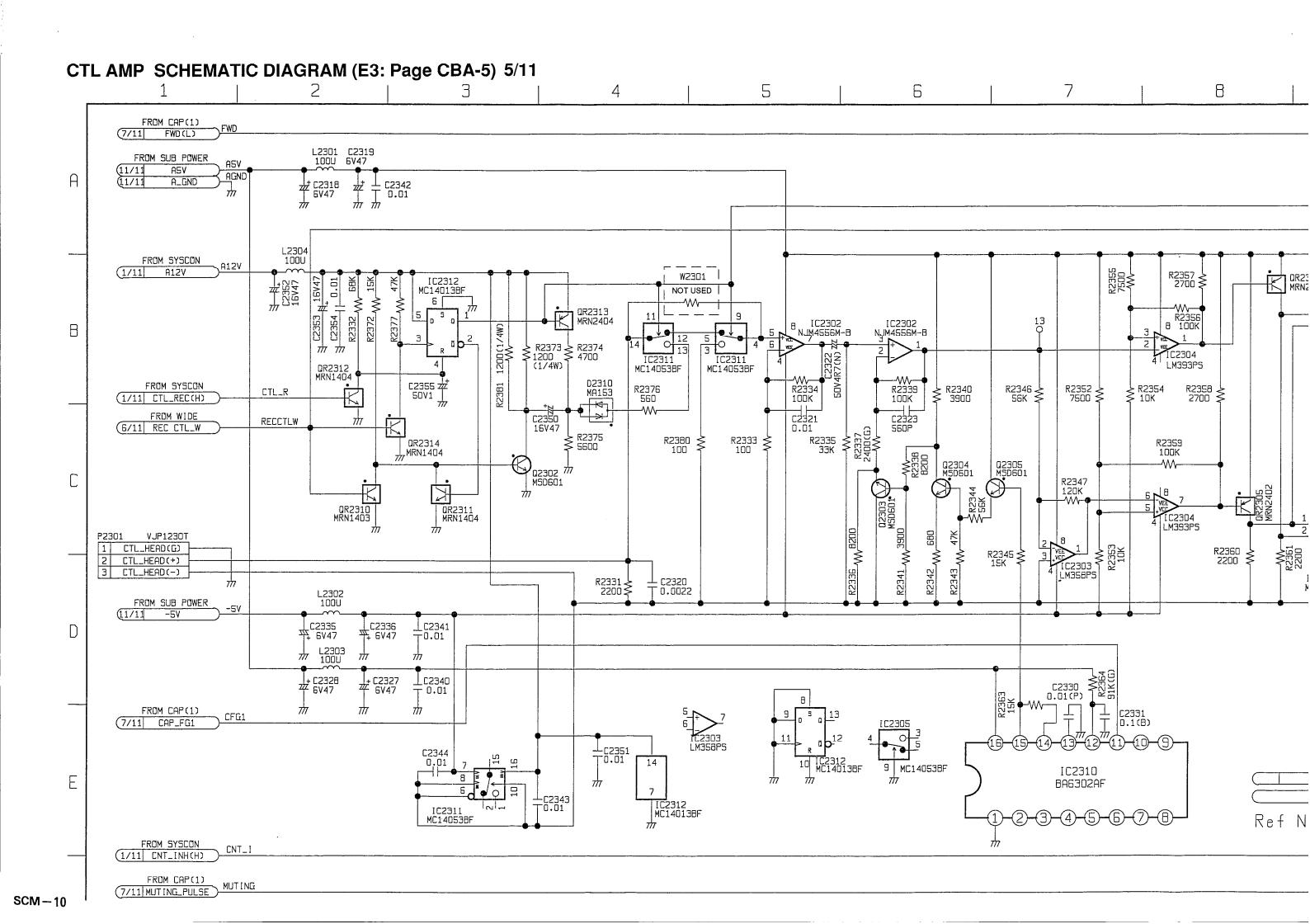


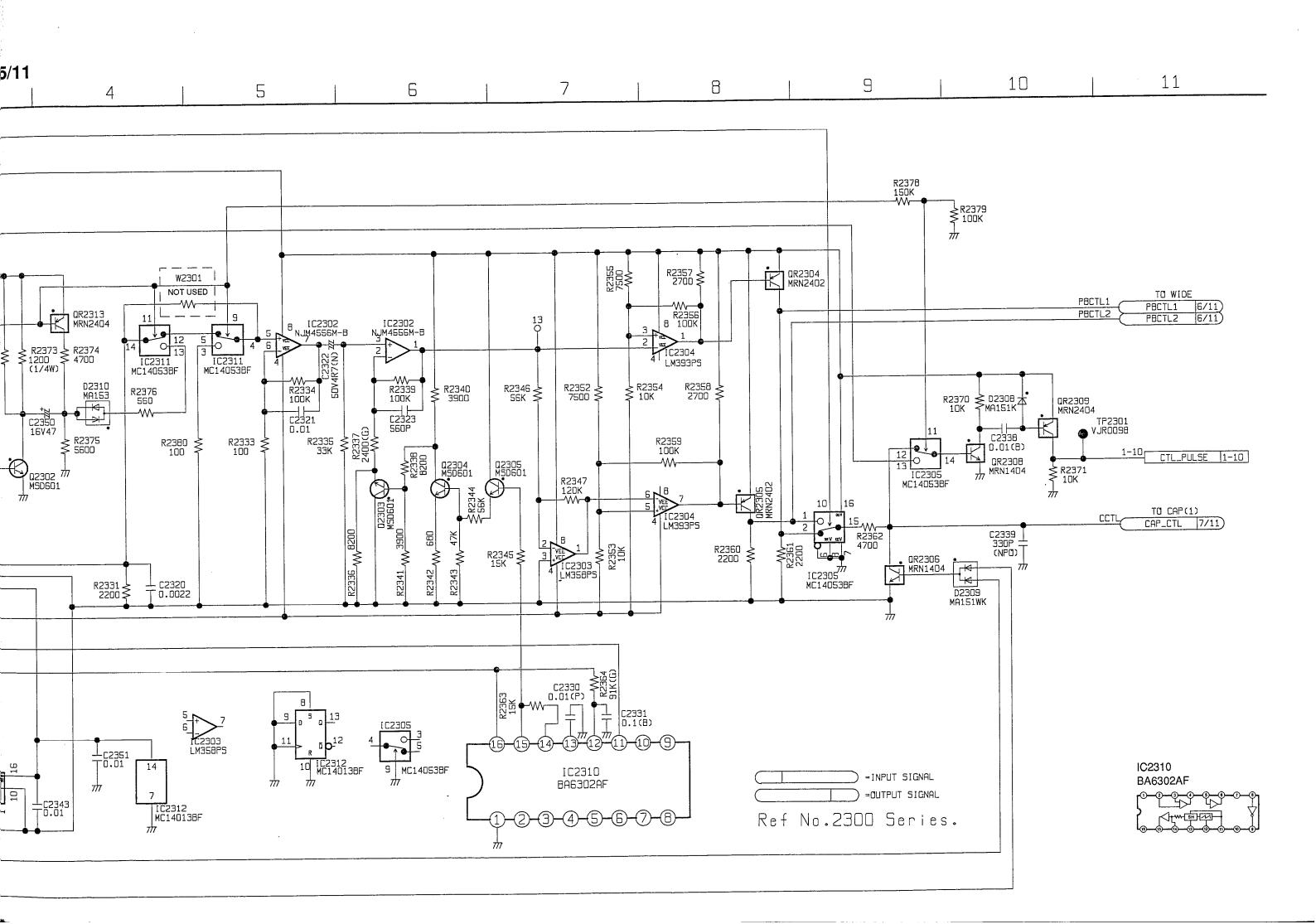
A-5) 4/11 15 | 10 | 11 | 12 | 13_ | 14 15 RECETL RECECTL 6/11
RESET RESET 6/11 PG_SHIFTER VR2001 50K(B) CYLPFG CYL_PFG 9/11 CYLPFG CYL_PFG 1-11 777 C2011 + 10V22 THE PRINCE OF TH R2001 ≨ NOT USED R2014 ₹ R2005 1000 CYLET CYLET 9/11) IC2002 MN1382-RTW R2018 ≱ IC2012 HC74HCUD4F R2064 M100 2-20 TC_CLK |2-20 R2027 _____1M D2006 MA151WA 9 B IC2012 IC2012 MC74HCU04F NC74HCU04F 11 010 R2021 L C2023 3 68K 0.18(Y) VR2003 100K(B) TRAC FIX (03200333333) T 10° -03200333333 T22P (NPO) 1 C2029 1 C2029 1 C2029 PB_HSS VDD 7 VEE 7 VSS 6 REC.HSS Q IC200B PB_FRM 30 10 O O NOT USED SIBI TO SYSCON/SERVO SIBI 1/11 IC2004 ¥ 820€3 MC14052BF D2008 MA151K 45 M 1300UT (23)-33.0 33.0 33.0 33.0 OUTPUT CONTROL LEVEL CONV. VHSW 11 -D-3-4-5-6-7-8-R2062 _{AM} 100 1-20 NTSC ONLY EXTL TO CAP(2)

EXT(L) 8/11) 1C2012 MC74HCU04F K2036 _W100 2-11 PB_HD 2-11 D2002 M1151WA M1251WA M220K M2034 M177 M177

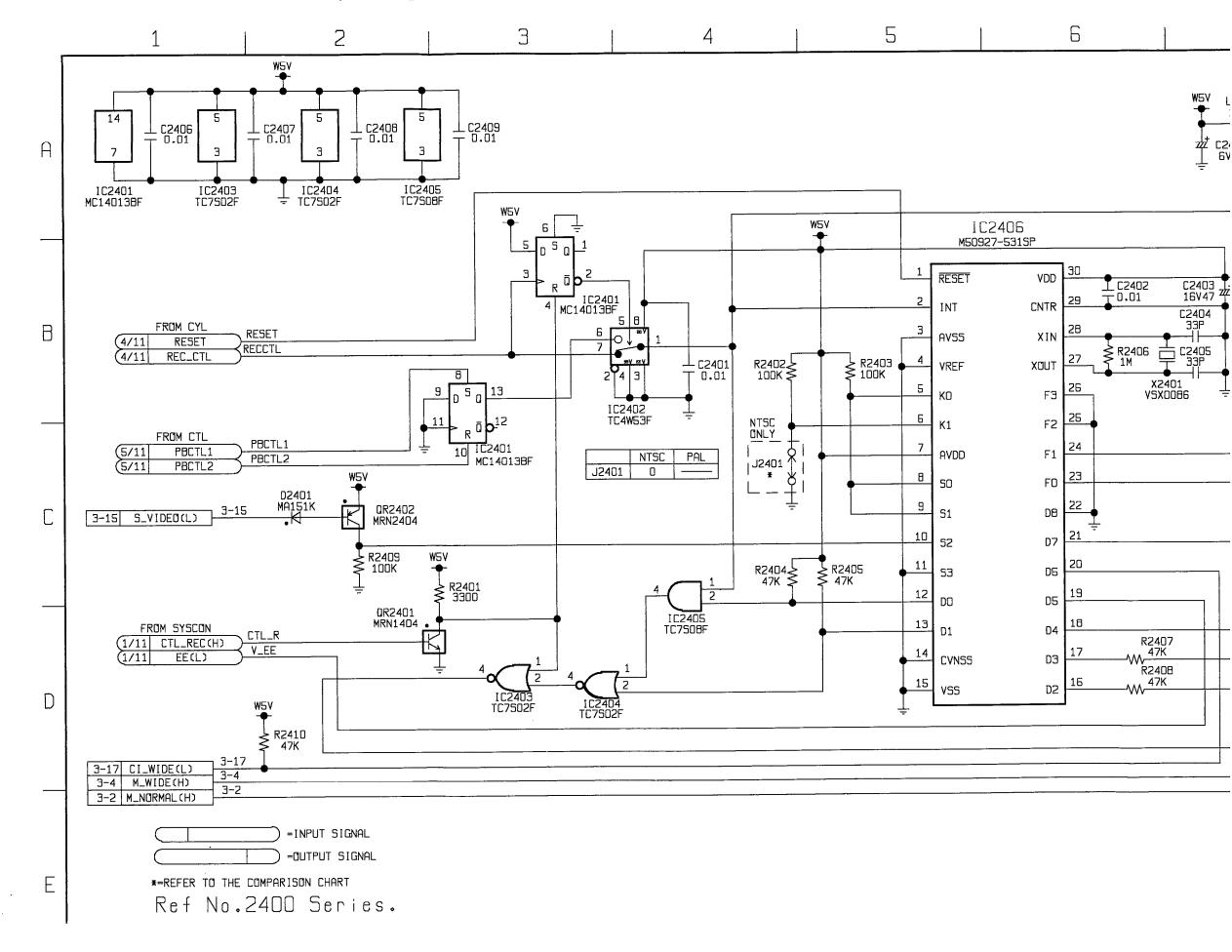
TRAC TO CAP(1)

TRAC_PULSE | S/B

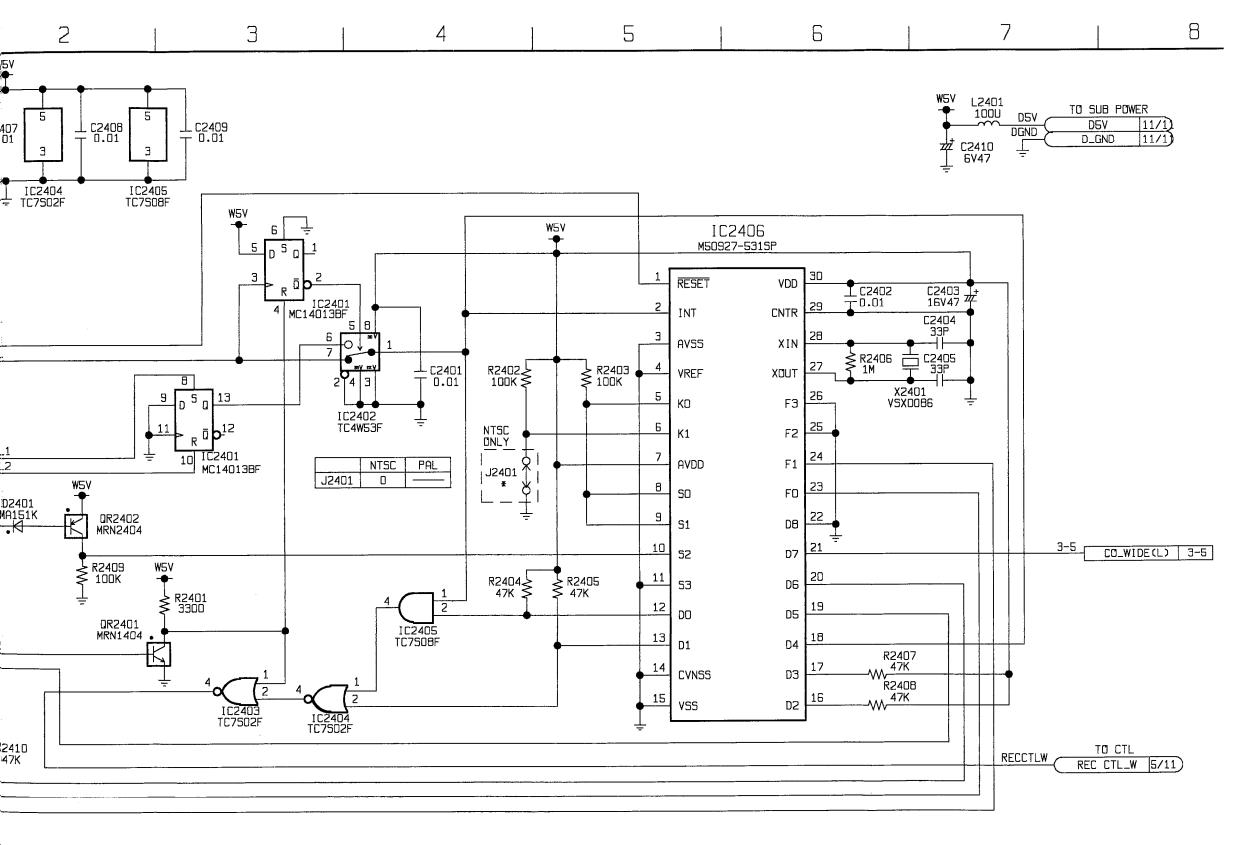




WIDE SCHEMATIC DIAGRAM (E3: Page CBA-5) 6/11



RAM (E3: Page CBA-5) 6/11



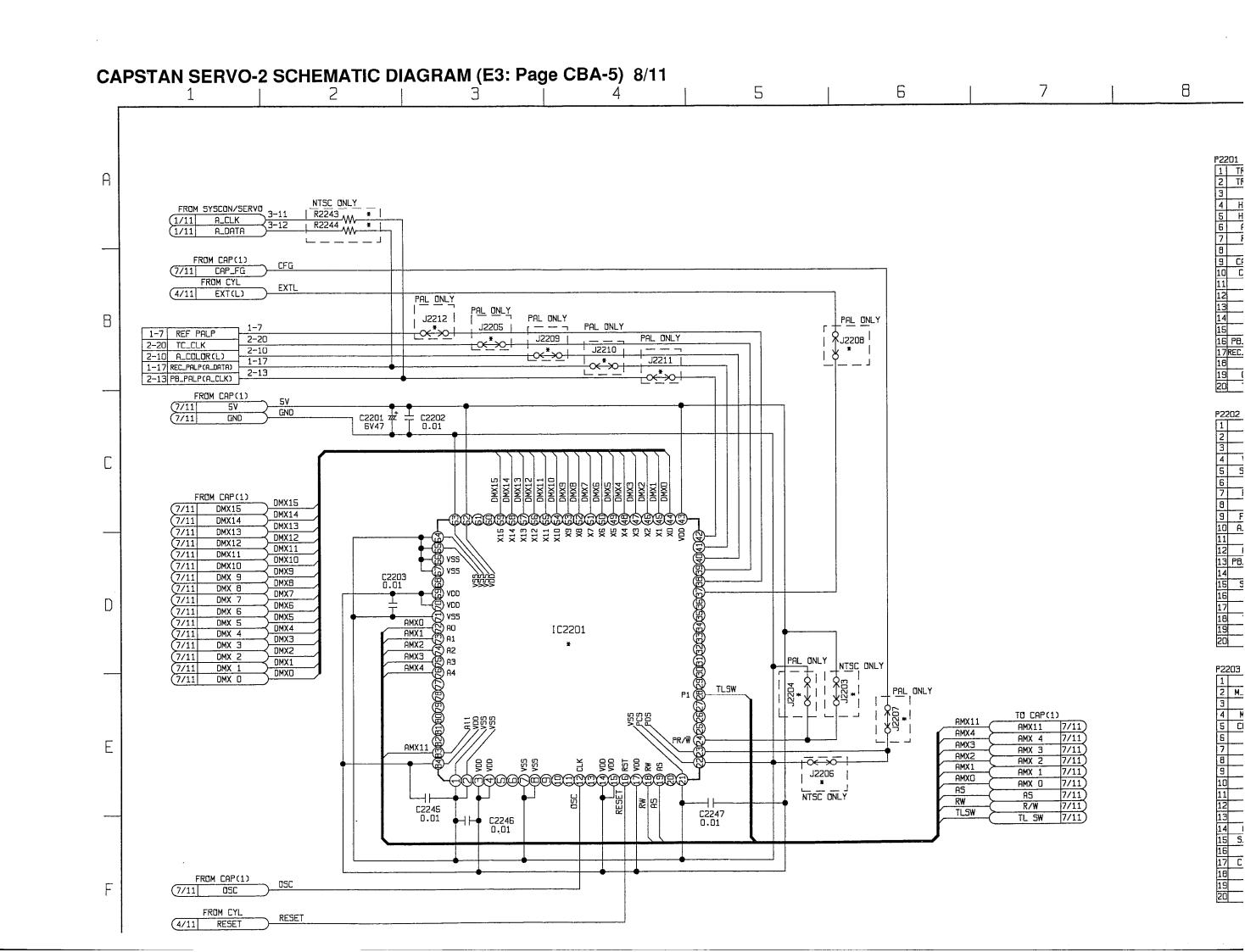
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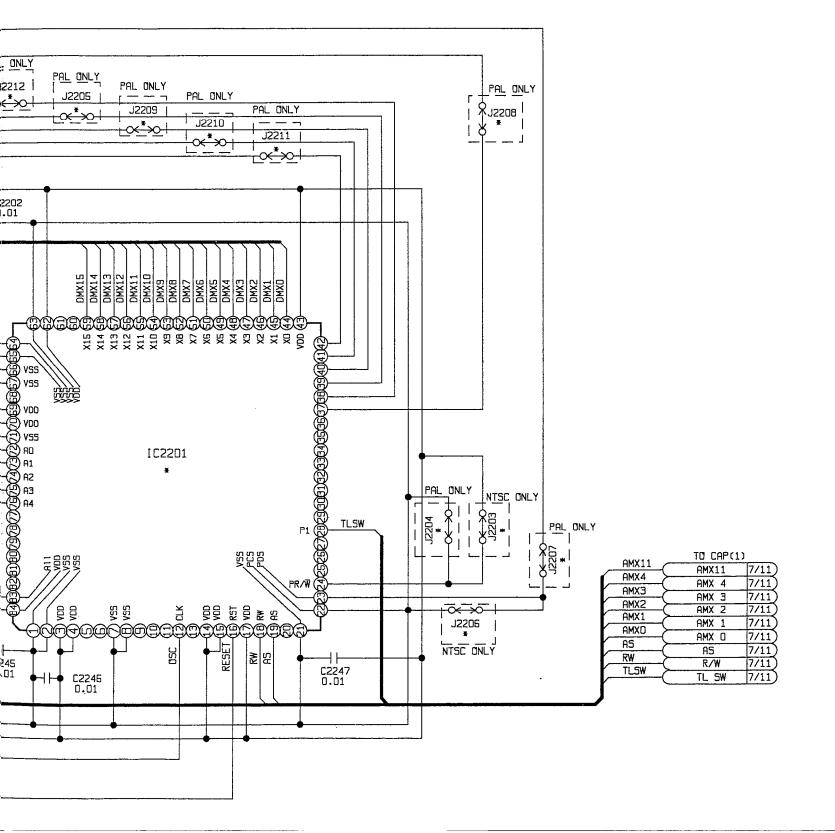
=OUTPUT SIGNAL

RISON CHART

10 Series.

CAPSTAN SERVO-1 SCHEMATIC DIAGRAM (E3: Page CBA-5) 7/11 6 7 FL2201 VLF0634 L2202 FL2205 VLF0634 L2203 VLP0054 VLF06,34 十 [220] 2R2U C2205 22P (NPO) FROM SUB POWER C2230 I 0.01 T #C2219 _ C2218 6V47 _ 0.01 C2220 11/11 D5V DGND A C2234 0.01 F22206 VLF0634 C2232 0.01 6V47 (11/11 ~5V R2201 1M -| C2221 0.01 FROM CYL 4/11 TRAC_PULSE TRAC + C2222 5V47 C2223 0.01 C2224 0.01 C2225 6V47 + C2226 0.01 В C2240 0.01 C2241 0.01 FROM CAP(2) DMX15 DMX 15 DMX 14 DMX14 (8/11) E1XMG DMX 13 DMX12 DMX 12 (8/11 DMX15 DMX11 09 () 010 (<u>)</u> (8/11 DMX 11 D10 DMX10 DMX 10 D11 D11 (# DMX9 D12 D13 D14 D15 DMX 9 DMXB D12 DMX7 D13 (DMX 7 DMX6 D14 (# DMX 6 DMX5 8/11 B/11 DMX 5 IC2202 DMX4 VDD (DMX 4 L7A0269 EXMO VSS (🗟 (G) 011 010 (8/11 E XMD DMX2 DMX 2 (8/11)DMX1 (B/11 (B/11 DMX 1 R2205 47K DMXO AMX11 R/S/F B/11 AMX 11 D12 014 D13 011 2 AMX4 FWD(L) AMX 4 ЕХМВ TL SW (A) MEMORY(H) AMX2 AMX 2 AMX1 R2211 8 47K(G) AMX 1 (8/11 AMXO R2208 100K(G) 8/11 AMX D AS RW R2212 10K --W\--R2207 10K R2240 47K(G) DMX1 R/W (8/11 1C2207 TLSW DMXD (8/11) TL 5W R2241 ₹ 100K (G) 4 LM358PS C2236 <u></u> 0.033 T IC2205 MC14050BF FROM M_DRIVE(1) (9/11 CAP_HP1 HP2 9/11 CAP_HP2 0.01 FG.H (9/11 CAP_FG(H) FG.L (9/11 CAP_FG(L) 7 \(\sum_{\text{C2206}} \) \[\text{IC2206} \] \[\text{MC14050BF} \] FG1 FG2 9/11 CAP_FG1 9/11 CAP_FG2 R2215 W 100 R2217 W 100 FROM SYSCON PAL DNLY | J2202 | | ** FA2202 VLF1036D101 1/11 READ(L) WR (1/11 WRITE(H) NTSC PAL R2216 W 100 R2218 W 100 R2213 W 100 R2214 W 100 SCKO SCK 0 ===' +0××+ R2242 W 100 R2220 W 100 R2222 W 100 R2223 W 100 R2221 W 100 J2201 NTSC DNLY FWD(L) 1-9 CAP_FW0(L) 1-9 1-13 COP_FC1 1-13 CAP_FG1 TL_SW(L) 2-18 CAP_FG2 FROM CTL (5/11 CAP_CTL FROM CYL) =INPUT SIGNAL (4/11 HSW CUTPUT SIGNAL FROM SYSCON (1/11 V_REF *-REFER TO THE COMPARISON CHART





P22	201 VJS32028020	Z , ,		
1	TRAC_VR(+)	- 1-1 1-2	4/11	
12	TRAC_VR(-)	-29V	4/11	
Ω	-29V	1-4	11/11	
4	HEATER(-)	1-5	11/11	
5	HEATER(+)	1-6	11/11	
6	ADV_SYNC	1-7	4/11	
7	REF_PALP	1-8	8/11	
8	REC_FRM	1-9	4/11	
9	CAP_FWD(L)	1-10	7/11	
10	CTL_PULSE	CYLPFG	5/11	
11	CYL_PFG	1-12	4/11	
12	CAP_FG2	1-13	7/11	
13	CAP_FG1	SCKO	7/11	
14	SCKO	SDA	1/11	
15	SDA	1-16	1/11	
16	PB_FRM(SIBI)	1-17	4/11	
17	REC_PALP(A_DATA)	1-18	8/11	
18		1-19	1/11	
19	COLOR(L)	1-20	1/11	
20	TRICK(L)	1 20	4/11	

P22	202 VJ532028021	02	
1	V_EE(H)	2-1	1/11
2	C_HSW	2-2	4/11
3	V_HSW	2-3	4/11
4	V_REC(L)	2-4 2-5	1/11
5	SYS_RESET		1/11
6	REC_HSS	2-6	4/11
7	RELEY(L)	2-7 2-8	1/11
8	PB_HSS	2-9	4/11
9	FM_REC(H)		1/11
10	A_COLOR(L)	2-10	8/11
11	PB_HD	2-11 2-12	4/11
12	A_DUB(L)	2-12	1/11
13	PB_PALP(A_CLK)	2-13	8/11
14	ROCK2		4/11
15	S_CASS(H)	5CASS.H 2-16	1/11
16	REF(X)	AGND	4/11
17	A_GND		4/11
18	TL_SW(L)	2-18	7/11
19	SYS_IF	5811 2-20	1/11
20	TC_CLK	2-20	4/11

P2203 VJS32028020Z				
1	SYS_SYS	<u> 5801</u>	1/11	
2	M_NORMAL(H)	3-2 5BT1	5/11	
3	SYS_CLK	3-4	1/11	
4	M_WIDE(H)	3-5	6/11	
5	CO_WIDE(L)	3-6	6/11	
6	FWD(L)	3-7	7/11	
7	FLY_05C	3-8	1/11	
8	V_ERSR	3-9	1/11	
9	V_ERSL	3-10	1/11	
10	FM_H5W	3-11	4/11	
11	A_CLK	3-12	1/11	
12	A_DATA	3-13	1/11	
13	A_LATCH_	3-14	1/11	
14	A_ENABLE	3-15	1/11	
15	S_VIDEO(L)		4/11	
16	CPN(L)	3-17		
17	CI_WIDE(L)	3-18	6/11	
18	A_MASK	FAN(+)	1/11	
19	FAN(+)	FAN(-)	1/11	
20	FAN(-)		1/11	

	NTSC	PAL
IC2201	MN19041 VSWA	MN19041 ****
J2203	٥	
J2204		0
J2205		0
J2206	0	
J2207		0
J2208		0
J2209		0
J2210		0
J2211	_	0
J2212		0
R2243	0	
R2244	0	

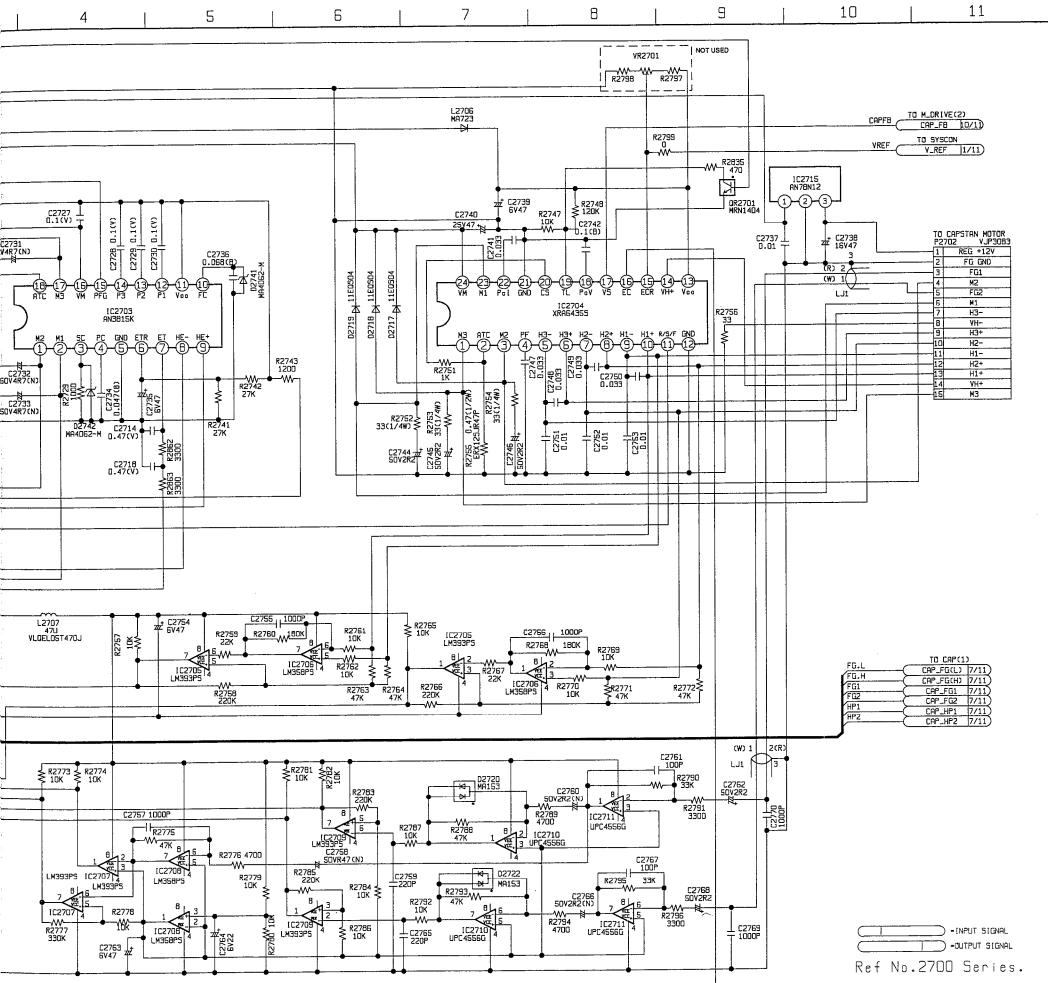
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-OUTPUT SIGNAL
*-REFER TO THE COMPARISON CHART

Ref No.2200 Series.

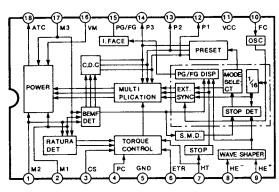
MOTER DRIVE-1 SCHEMATIC DIAGRAM (E3: Page CBA-5) 9/11 10 | W W W R2797 | R2797 R2799 0 --W--FROM CYL 4/11 CYL_PFG 4/11 CYL_ET CYLPFG CYLET C2726 6V47 L2705 47U VLQEL05T470J C2727 1 0.1(V) T R2727 C2731 15(1/4W) 50V4R7(N) R2740 0.68(1/2W) ERX125JR68P R2739 E 15(1/4W) C2733 50V4R7(N) TO CYLINDER MOTOR EM CYL_GN0 FROM SUB POWER R2759 R2760 180K C2756 1000P R2768 180K TO CAP(1) CAP_FG(L) 7 CAP_FG(H) 7/ CAP_FG(H) 7/ CAP_FG1 7/ CAP_FG2 7/ CAP_HP1 7/1 CAP_HP2 7/1 R2772≹ 47K R2764 47K HP1 HP2 FG.L FG.H FG1 FG2 ₹ R2773 ₹ R2774 10K ₹ 10K C2762 50V2R2 H_{R2775} W 47K 8 R2776 4700 7 IC2708 LM358P5 LM393PS IC2707 4 Blac LM393PS R2779 10K 1 2 2 IC2708 4 2 LM358PS 4 C2765 T 220P

Ref No.2700 Se

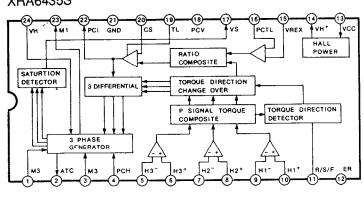
M (E3: Page CBA-5) 9/11



IC2703 AN3815K



IC2704 XRA6435S



SCM-15

SUB POWER SCHEMATIC DIAGRAM (E3: Page CBA-5) 11/11 5 6 8 C1517 10V220 44 L1501 100U VLOEL06R101K TP1503 ASV 01501 25D1474 Α T1501 ETE13K86AY L1503 VLP0074 C1513 0.01(B)(J) R1501 R1504 C150 180 180 180 (1/4W) C1514 0.047(B) (J) R1528 R1529 180 180 (1/4W) (1/4W) D1512 V500002 C1512 16V100 D1515 MA185 В P1502 VJP3076 UNREG18V UNREG18V 01502 250973A-RSVT UNREG30V C1530 35V22(GE) 1C1502 (1) AN7912F 4 UNREG-14V D1528 MA4056M D1514 NOT USED MA1270-M UNREG-7V -12V M_GND C1503 20V680 ECEA1DP5681X M_GND -57 P1501 VJP: I IC1503 (I)-AN7905F 79N C1505 10V22D(GE) D_GND A_GND TP1501 GND A_GND A5.5V D5.5V D5.5V TP1504 A12V D5V UNREG14V 9 01002(B) A12V C1527 25V220(GE) ₹ R1535 12K 01503 25D1474 D D1504 MA151K D1503 MA151K 01502 MA151K + C1520 # 25V22D(GE) R1522 180 (1/4W) ₹ R1536 10K D1532 MA4068 -M D1516 MA4075-M D1530 MA4075-M NOT USED R154/ R1542 10K \$ 10K D154/ D1544 MA4091-H D1544 MA109 D1543 HI MA4039-H MA165 MA4039-H MA165 C154/ R1542 > 10K QR1541 D1544 UN1219 MA165 01519 MA151K WA1520 W 6657 WW P. R1527 01522 330 MA3160-L R1525 2200 (1/4W) D1517 01523 11E0504 11E0504 10V10000 NOT USED [VJB00U59] C1541 (GE) NOT USED (D/11 SERVO SAFETY) SSAFET + C1524 - 25V22O(GE) R1515 L 2200 (1/4W) D1505 MA701A C1523 1C1501 LM393PS

+C1510 C1511 +

R1511 220K

C1535 7

NOT USED

= INPUT SIGN

世 (OEEVa)

₹ R1517 10K

C1509 16V100

T0.1(V)

FROM SYSCON

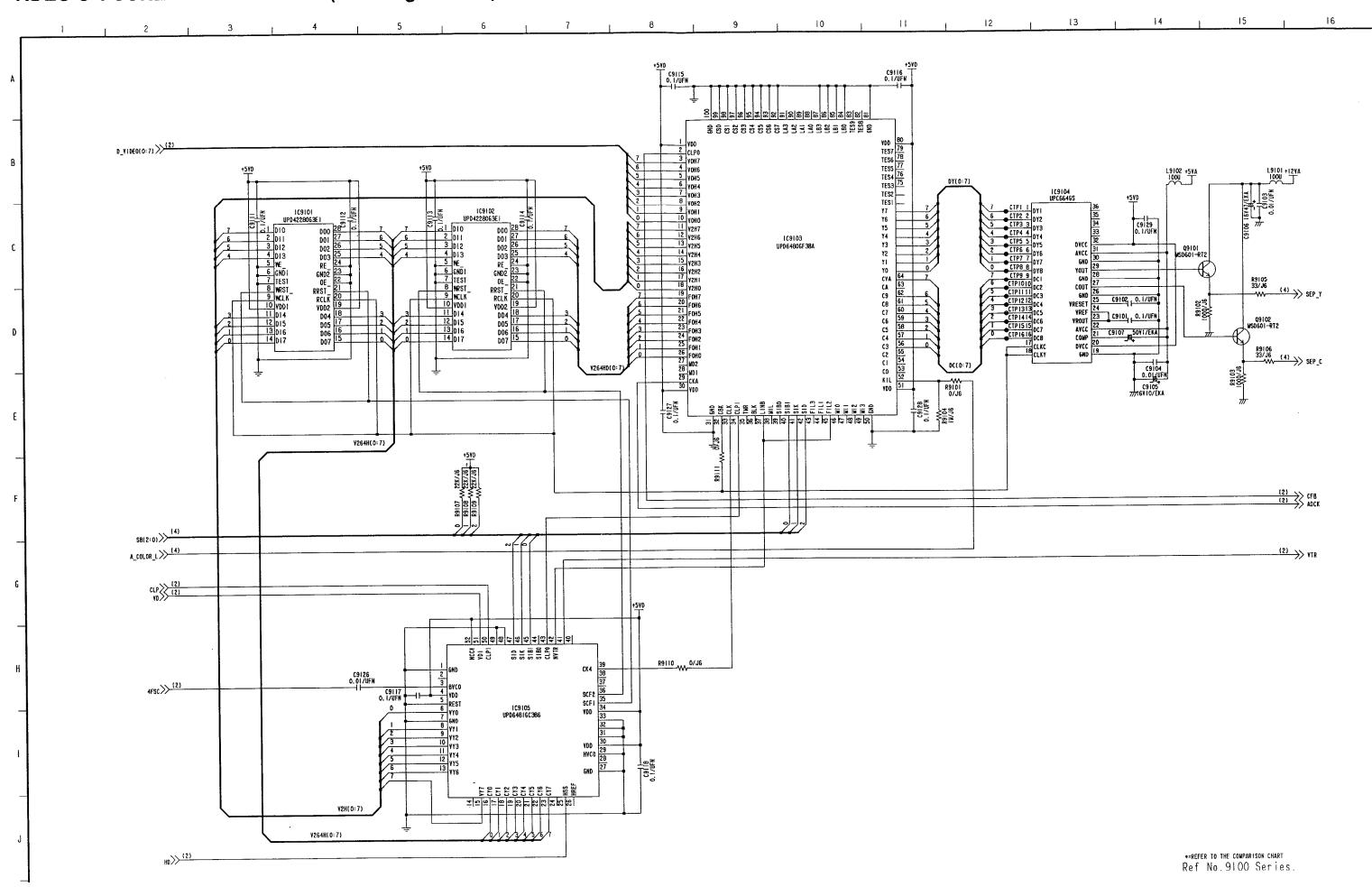
1/11 E-0_POFF(L)

POFF_L

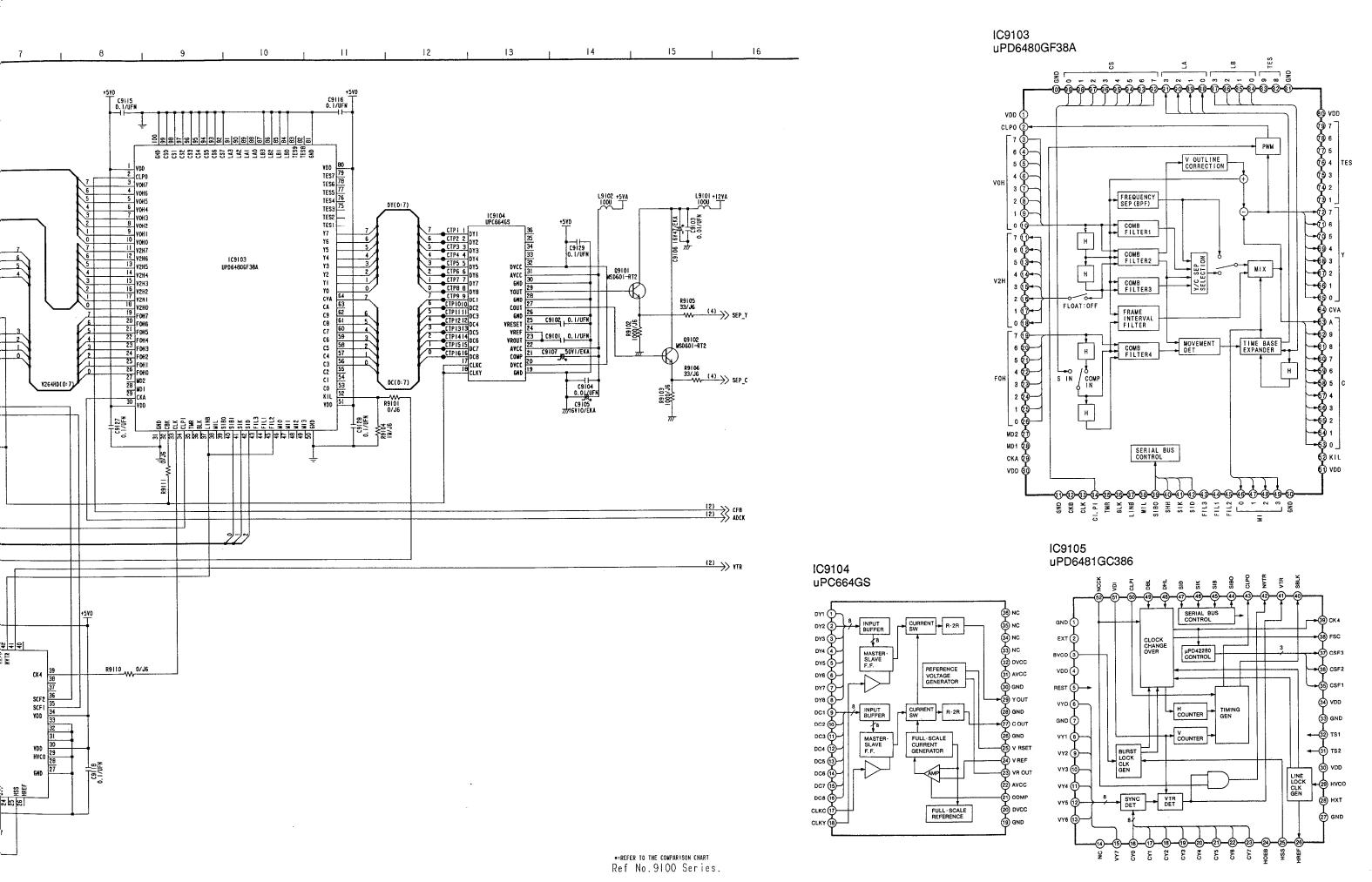
-OUTPUT 51GNAL

Ref No.1500 Serise.

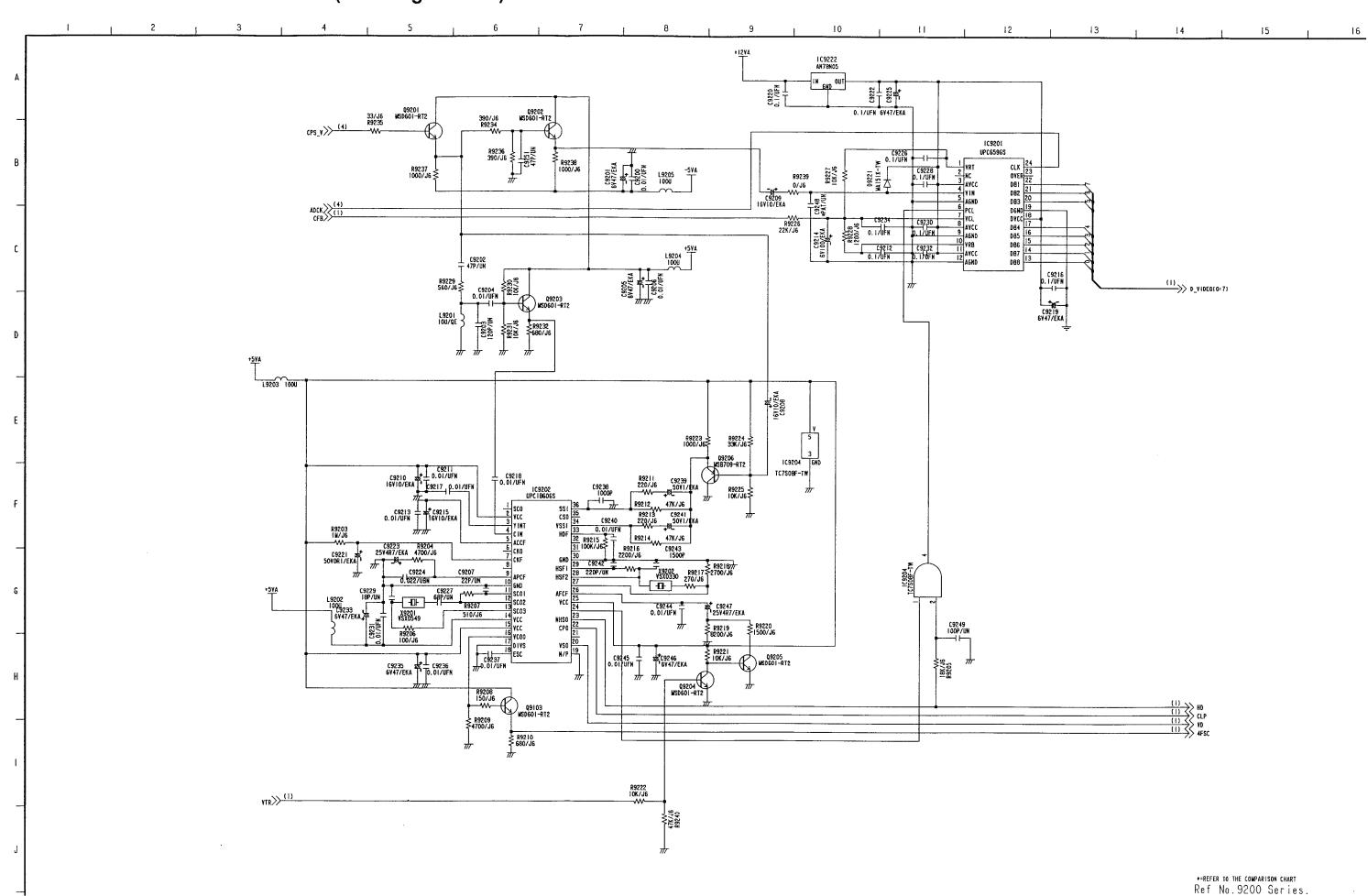
VIDEO C-1 SCHEMATIC DIAGRAM (E13: Page CBA-6) 1/5



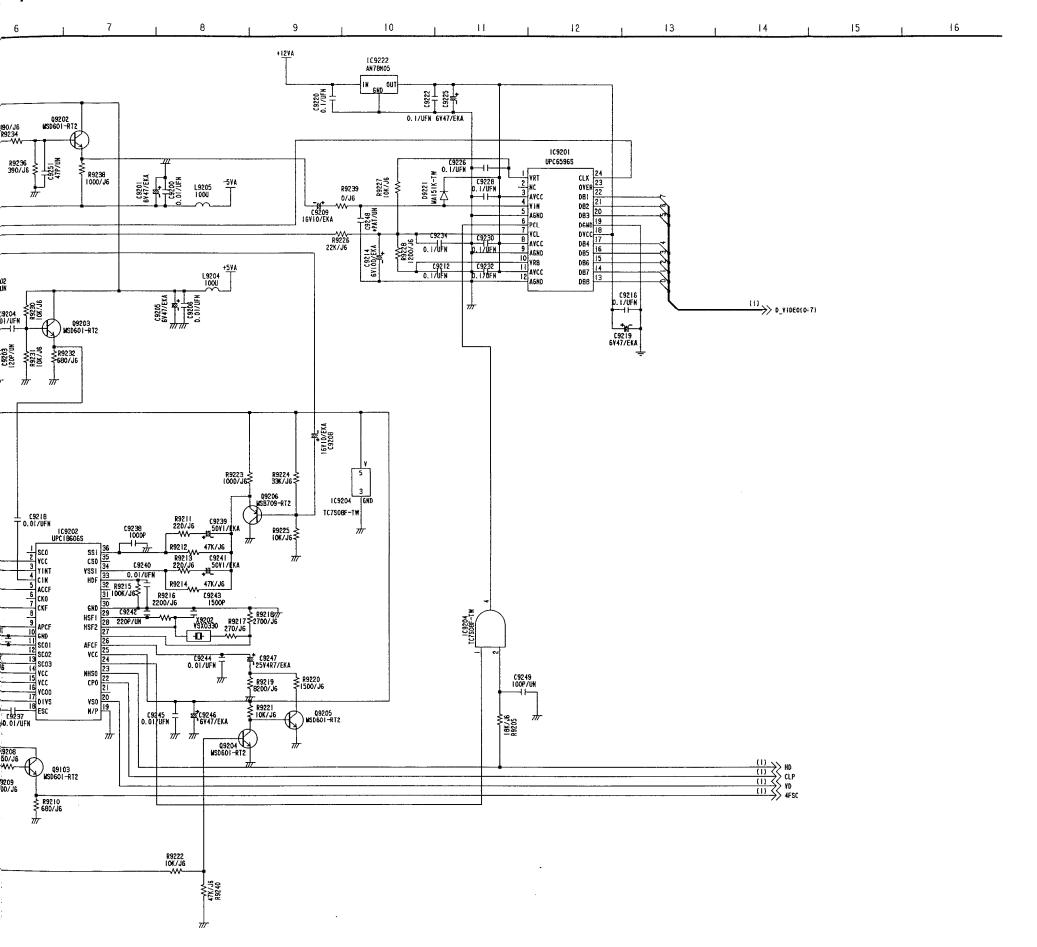
IC910 uPC6



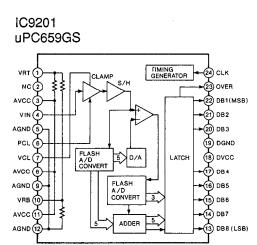
VIDEO C-2 SCHEMATIC DIAGRAM (E13: Page CBA-6) 2/5

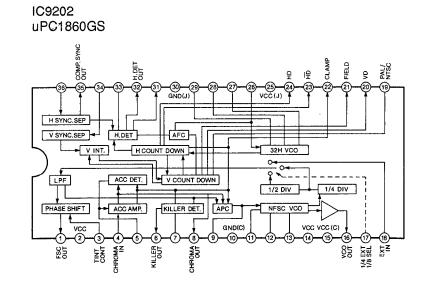


-6) 2/5

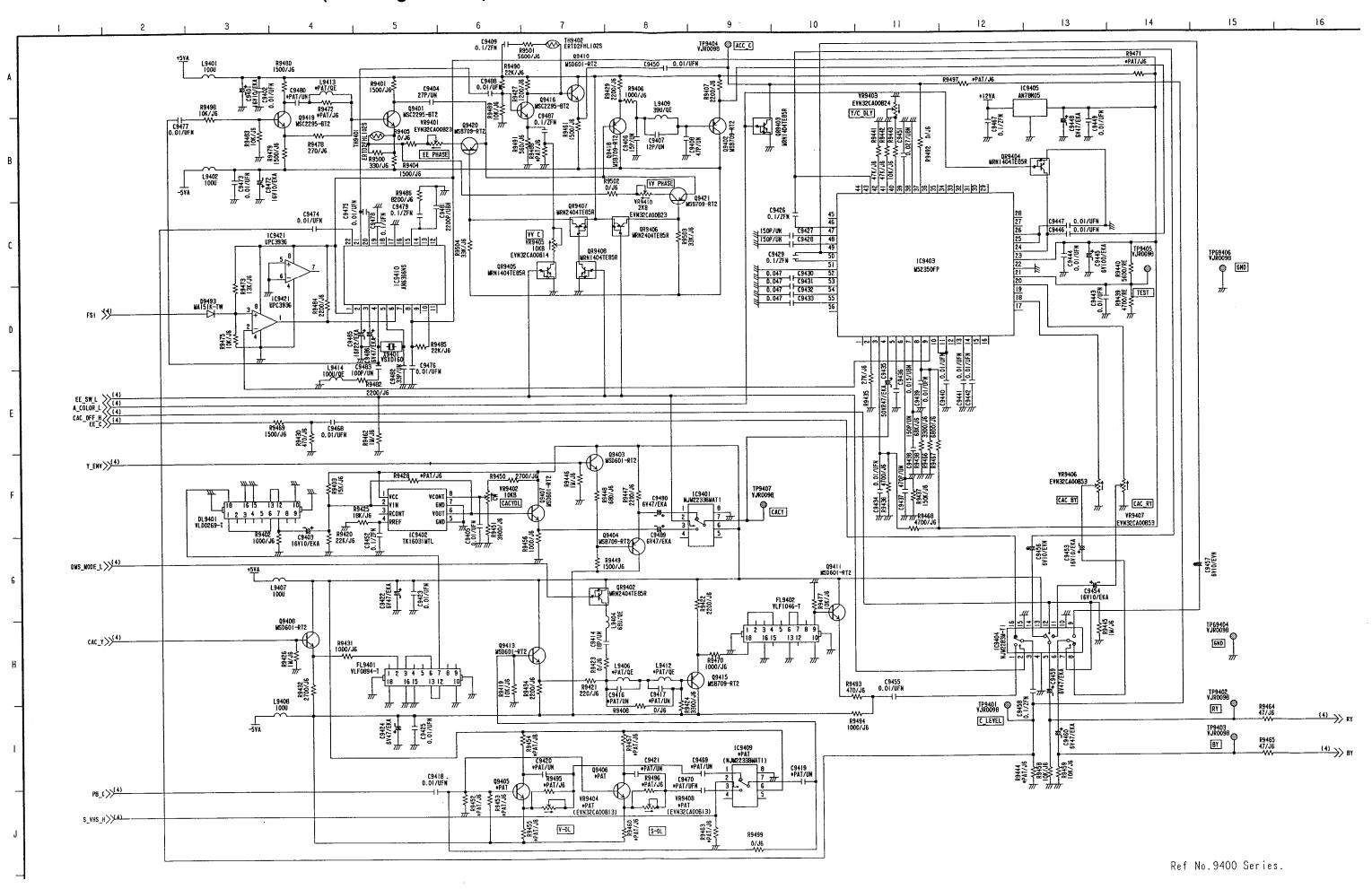


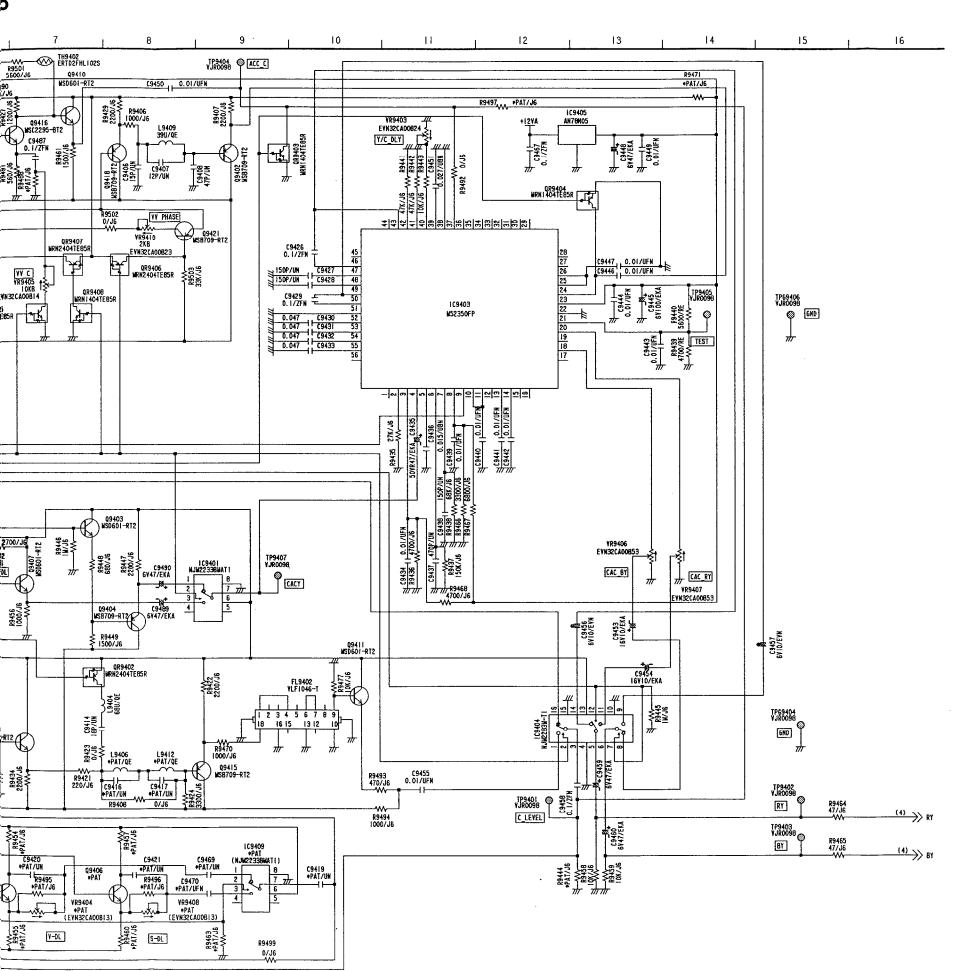
•=refer to the comparison chart Ref No.9200 Series.

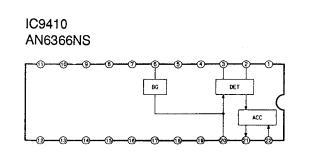


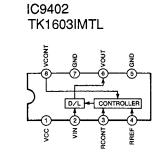


VIDEO C-3 SCHEMATIC DIAGRAM (E13: Page CBA-6) 3/5

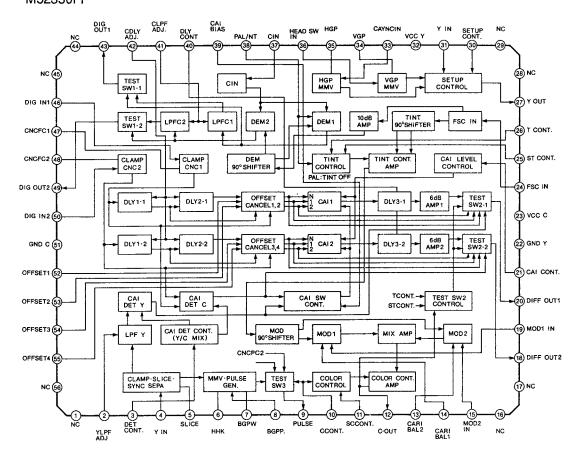




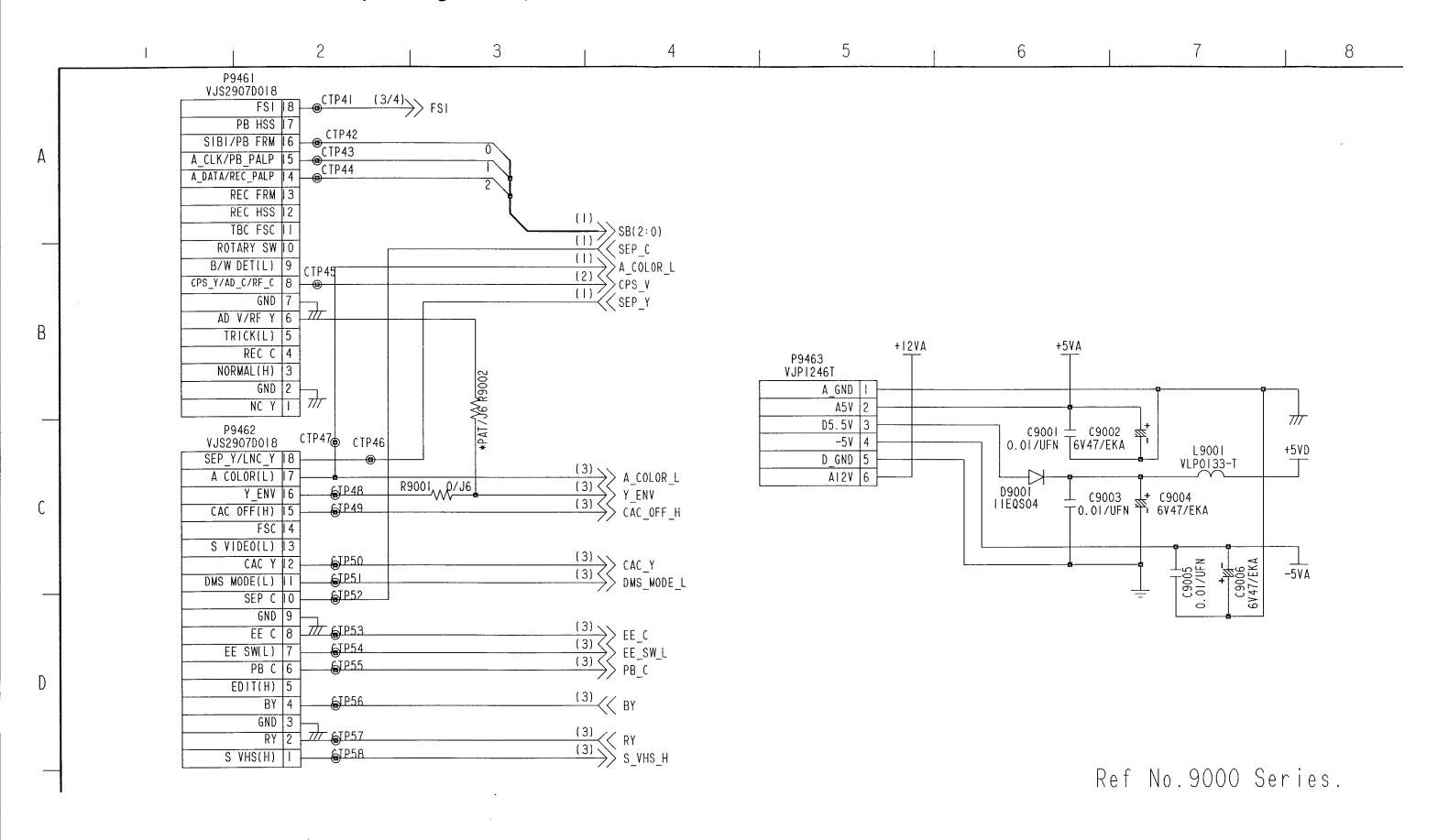




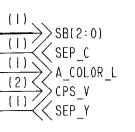
IC9403 M52350FP

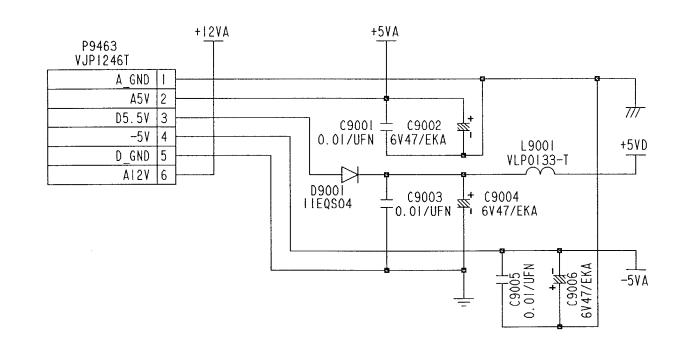


VIDEO C-4 SCHEMATIC DIAGRAM (E13: Page CBA-6) 4/5



4 | 5 | 6 | 7 | 8





(3)
A_COLOR_L
Y_ENV
CAC_OFF_H

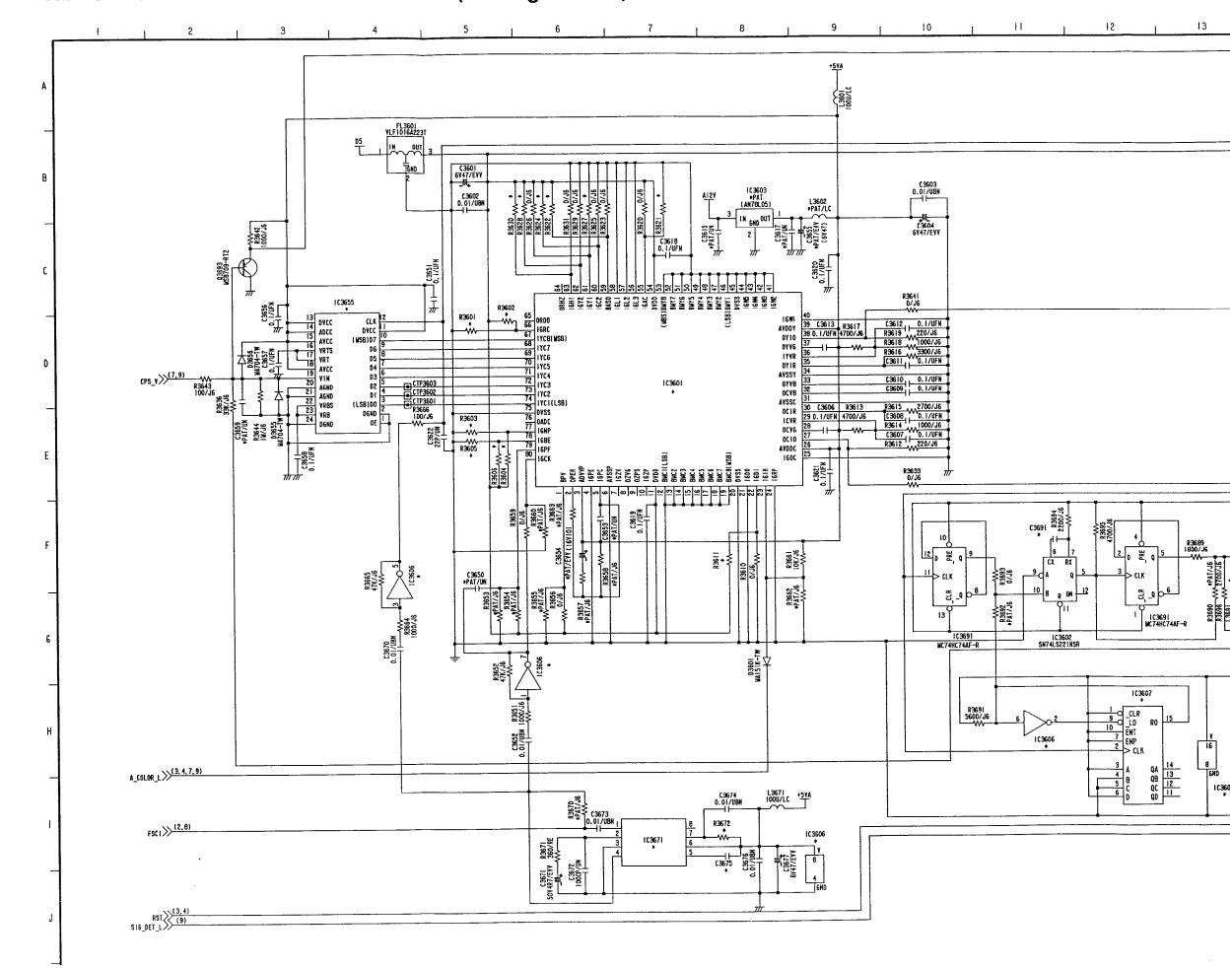
$$\begin{array}{c}
(3) \\
\hline
(3) \\
\hline
S_VHS_H
\end{array}$$

Ref No. 9000 Series.

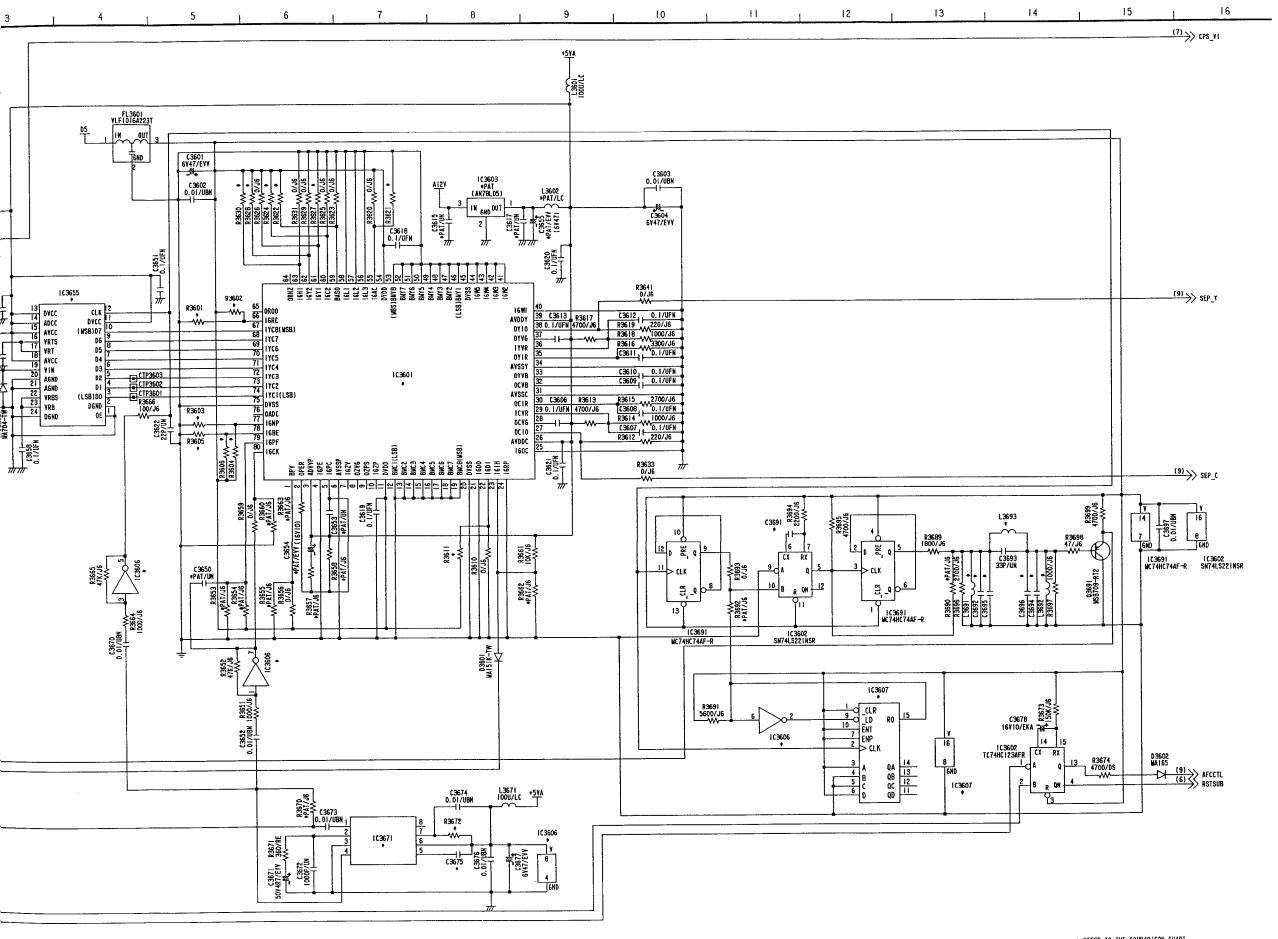
VIDEO C COMPARISON CHART (E13: Page CBA-6)

=========	========		=======================================
\$REF\$	NTSC	PAL	ON
C9248	*PAT/UFN	*PAT/UFN	0.1/UFN
C9416	*PAT/UFN	*PAT/UFN	0.1/UFN
C9417	*PAT/UFN	*PAT/UFN	0.1/UFN
C9419	*PAT/UFN	*PAT/UFN	0.01/UFN
C9420	*PAT/UFN	*PAT/UFN	150P/UN
C9421	*PAT/UFN	*PAT/UFN	150P/UN
C9469	*PAT/UFN	*PAT/UFN	0.01/UFN
C9470	*PAT/UFN	*PAT/UFN	0.01/UFN
C9480	*PAT/UFN	*PAT/UFN	0.1/UFN
I C9409	*PAT	*PAT	NJM2233BMAT1
L9406	*PAT/QE	*PAT/QE	100/QE
L9412	*PAT/QE	*PAT/QE	100/QE
L9413	*PAT/QE	*PAT/QE	100/QE
Q9405	*PAT	*PAT	MSC2295-BT2
Q9406	*PAT	*PAT	MSC2295-BT2
R9002	*PAT/J6	*PAT/J6	0/J6
R9428	*PAT/J6	*PAT/J6	0/J6
R9444	*PAT/J6	*PAT/J6	0/J6
R9452	*PAT/J6	*PAT/J6	10K/J6
R9453	*PAT/J6	*PAT/J6	0/J6
R9454	*PAT/J6	*PAT/J6	1500/J6
R9455	*PAT/J6	*PAT/J6	1500/J6
R9457	*PAT/J6	*PAT/J6	1500/J6
R9460	*PAT/J6	*PAT/J6	1500/J6
R9463	*PAT/J6	*PAT/J6	1M/J6
R9471	*PAT/J6	*PAT/J6	0/J6
R9472	*PAT/J6	*PAT/J6	0/J6
R9488	*PAT/J6	*PAT/J6	0/J6
R9495	*PAT/J6	*PAT/J6	470/J6
R9496	*PAT/J6	*PAT/J6	470/J6
R9497	*PAT/J6	*PAT/J6	0/J6
VR9404	*PAT	*PAT	EVN32CAOOB13
VR9408	*PAT	*PAT	EVN32CAOOB13

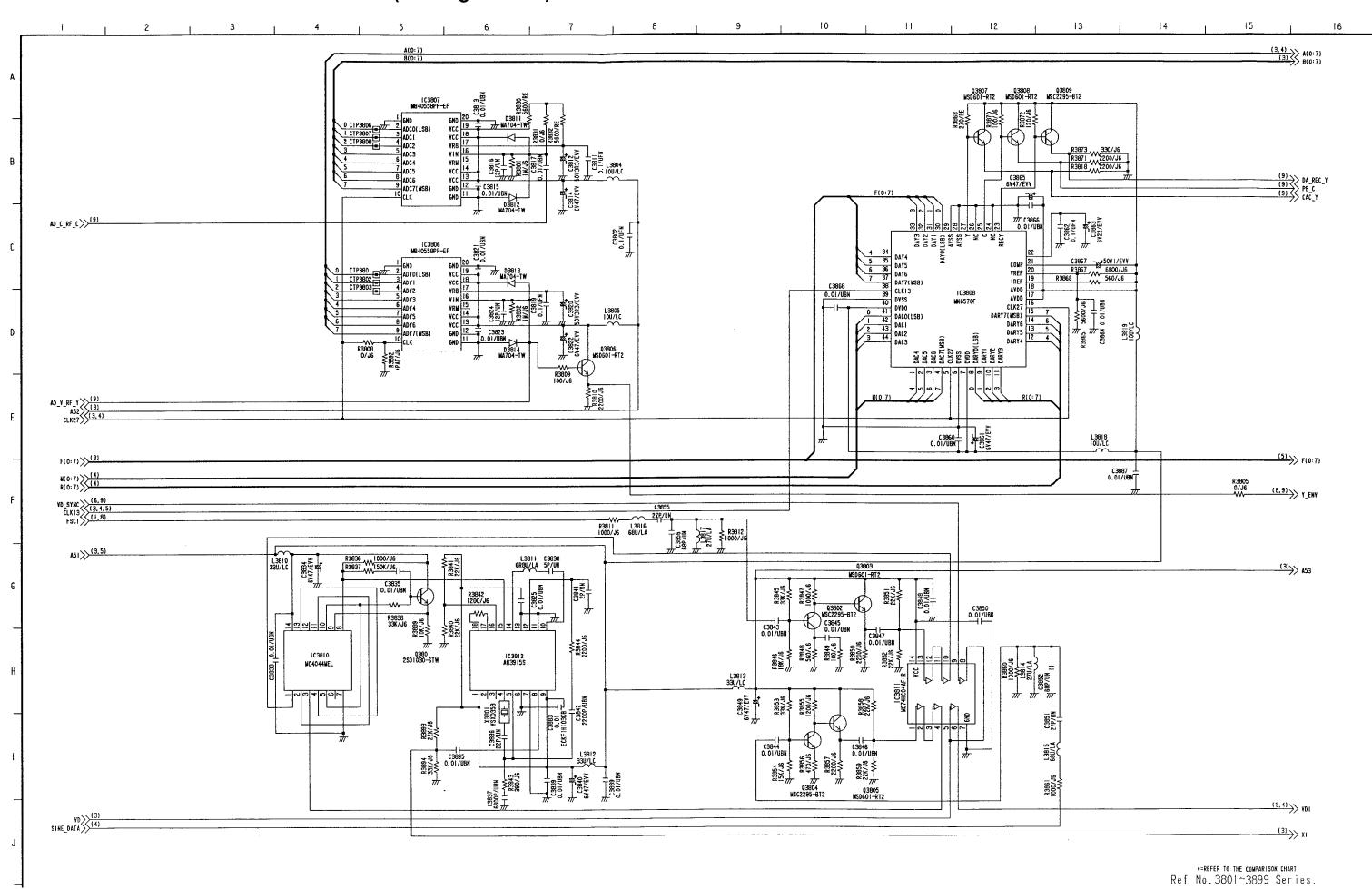
VIDEO DIGITAL-1 SCHEMATIC DIAGRAM (E6: Page CBA-7) 1/10



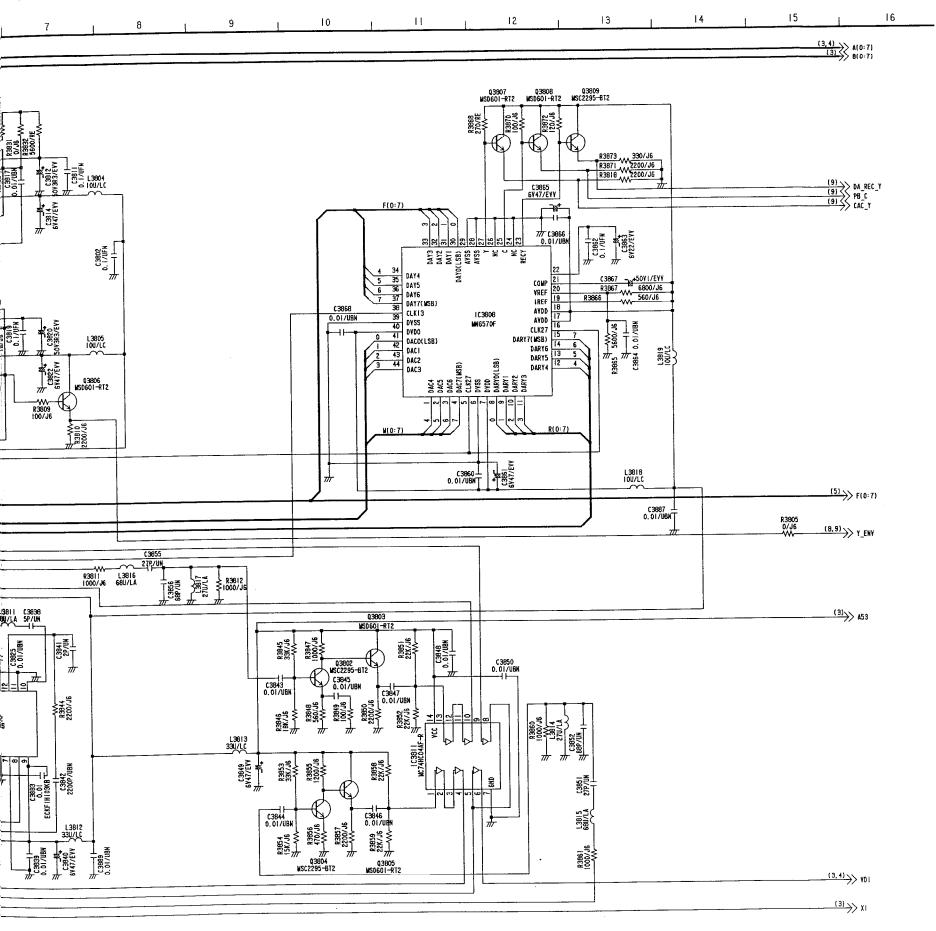
MATIC DIAGRAM (E6: Page CBA-7) 1/10



VIDEO DIGITAL-2 SCHEMATIC DIAGRAM (E6: Page CBA-7) 2/10

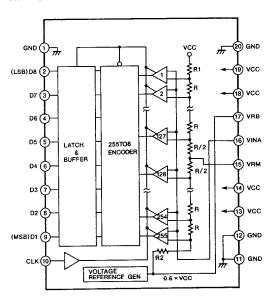


-7) 2/10

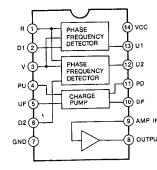


*=REFER TO THE COMPARISON CHART Ref No.3801~3899 Series.

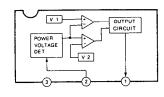
IC3806,3807 MB40558PF-EF

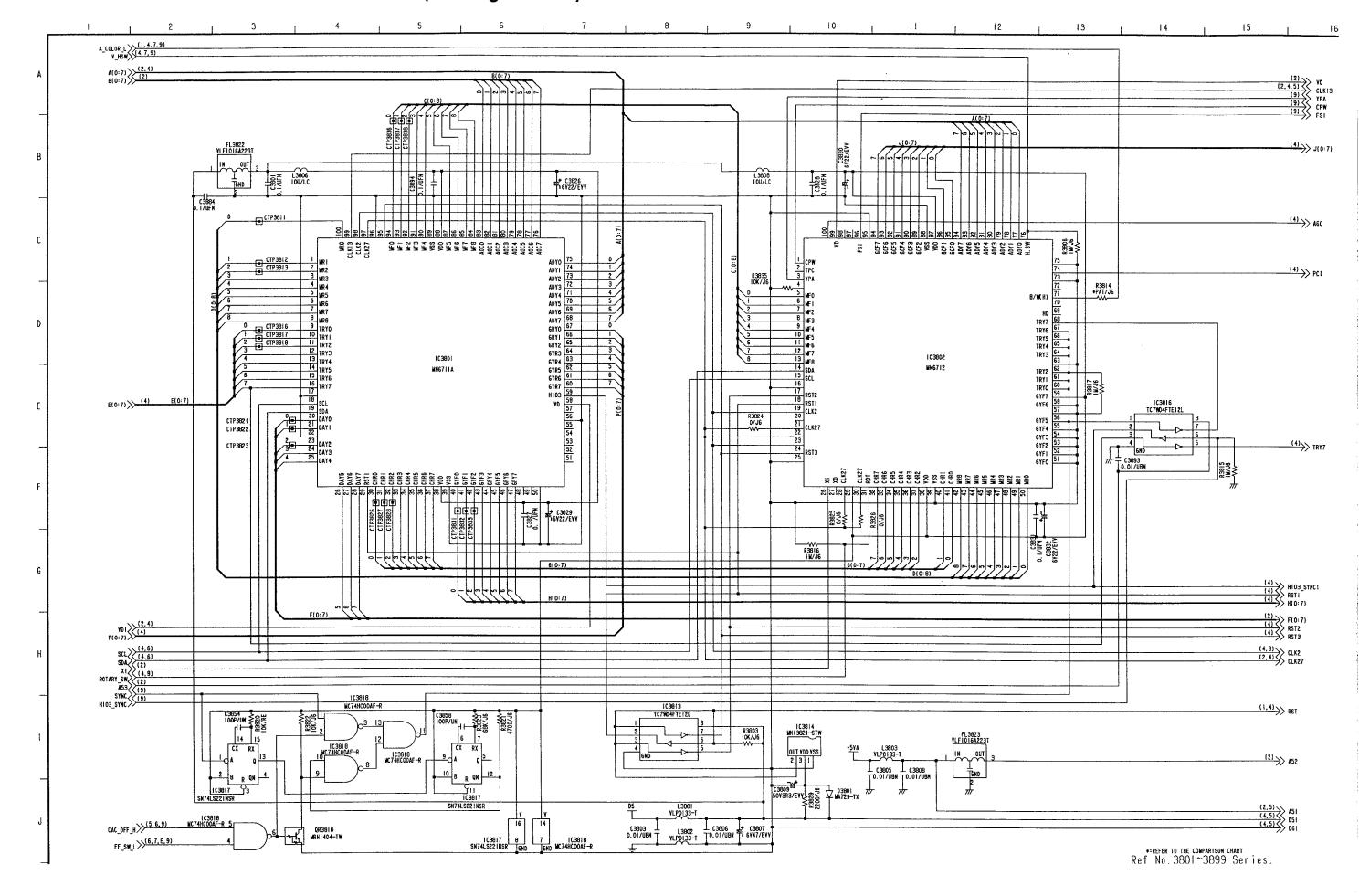


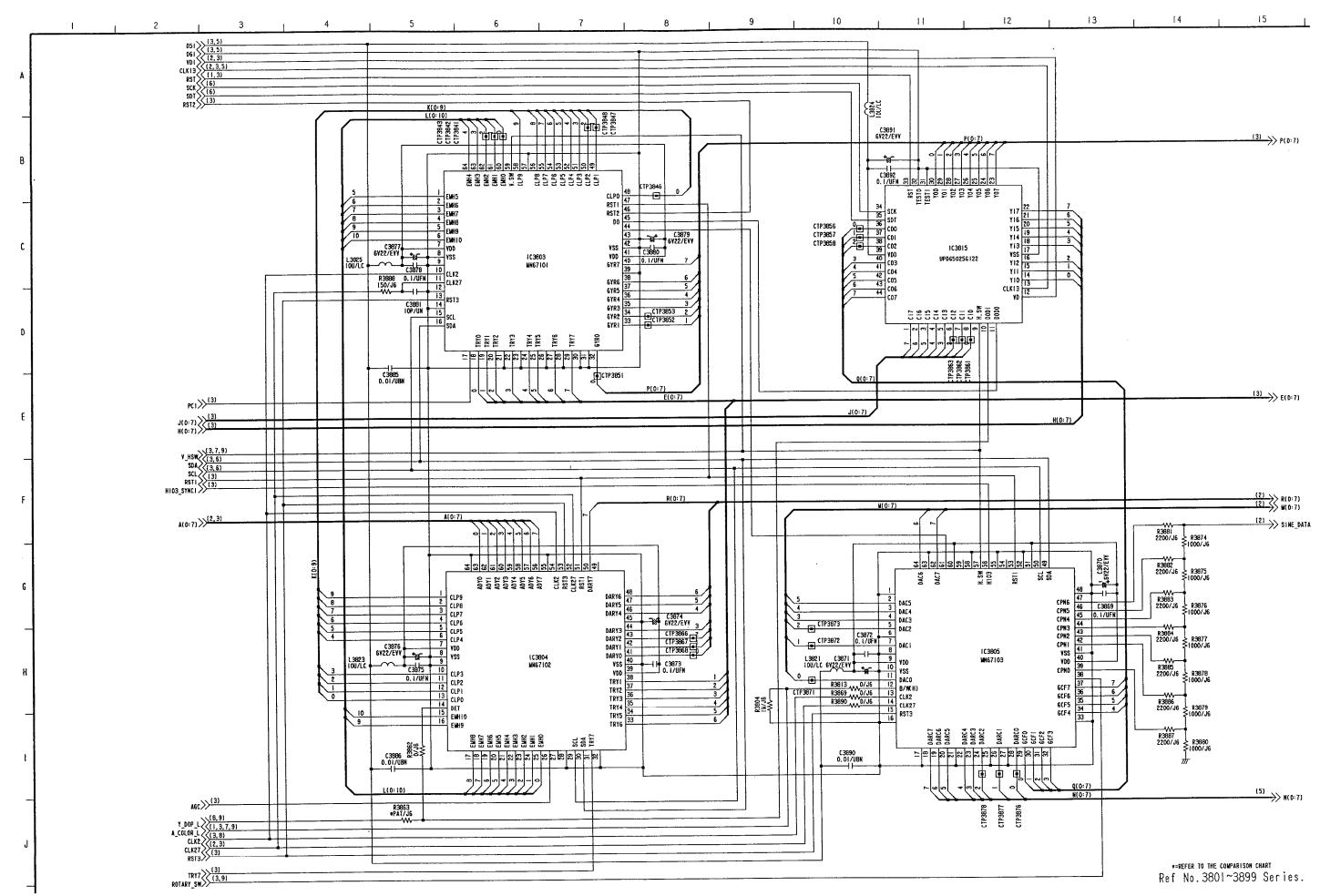
IC3810 MC4044MEL

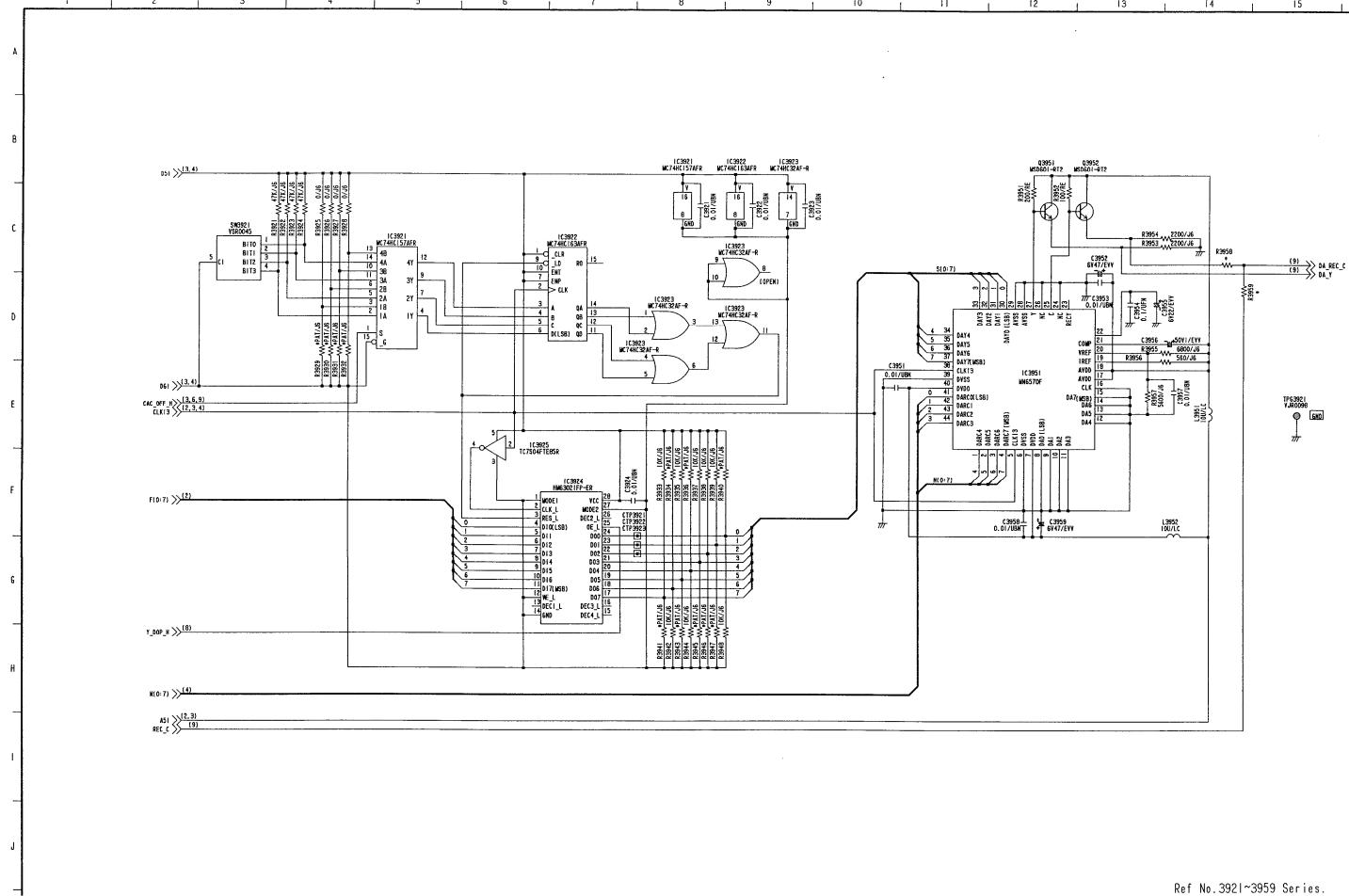


IC3814 MN13821-STW

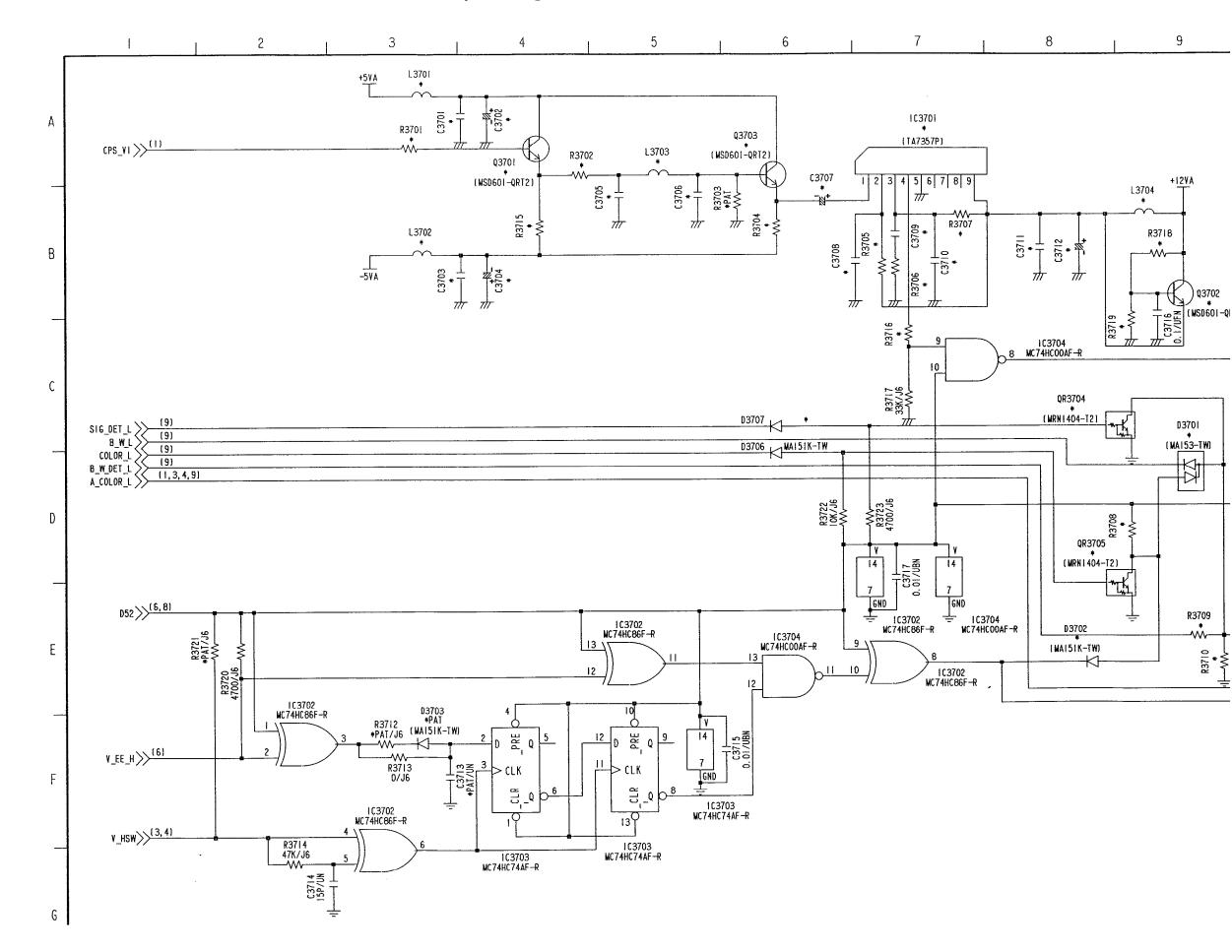




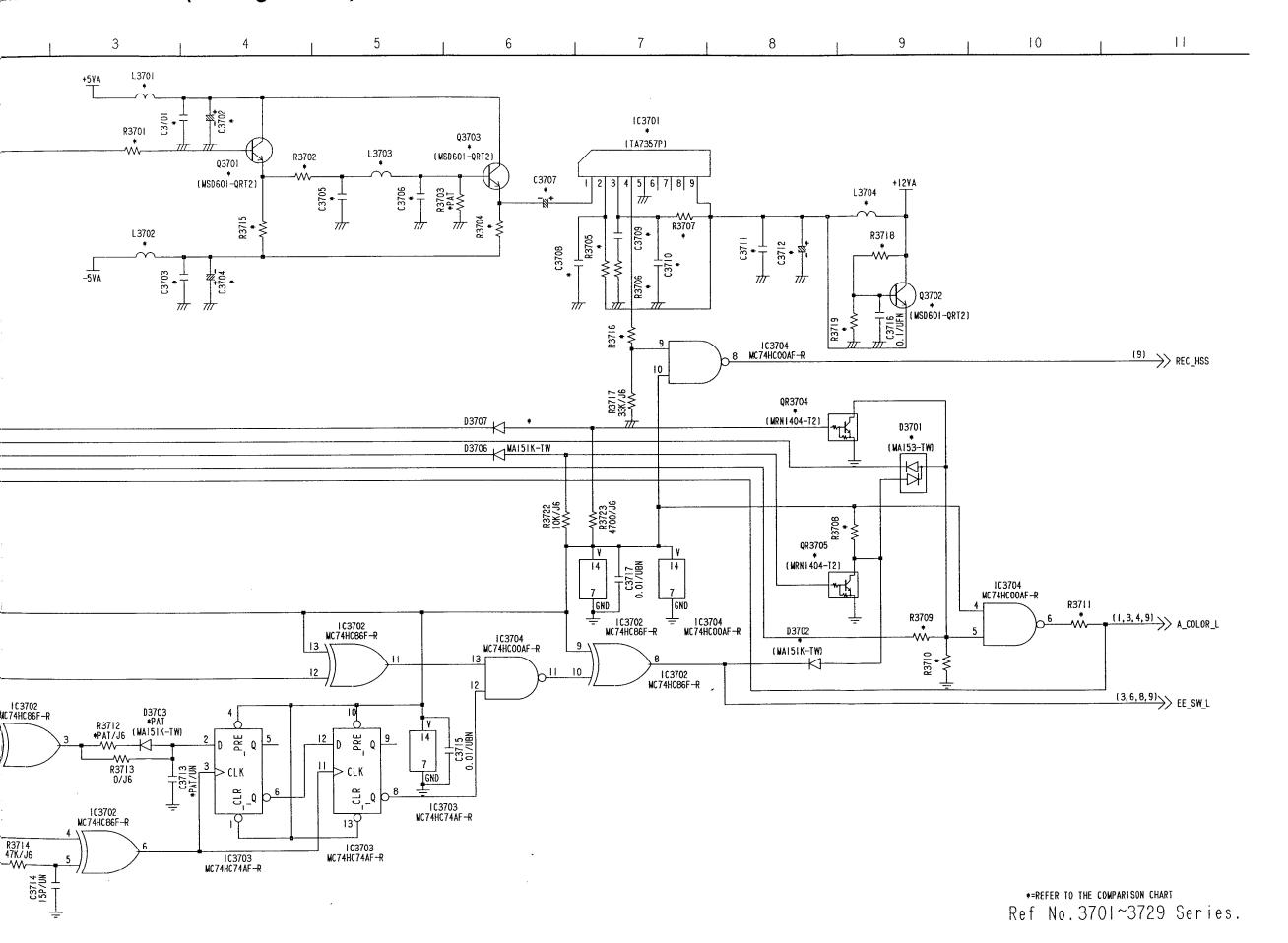




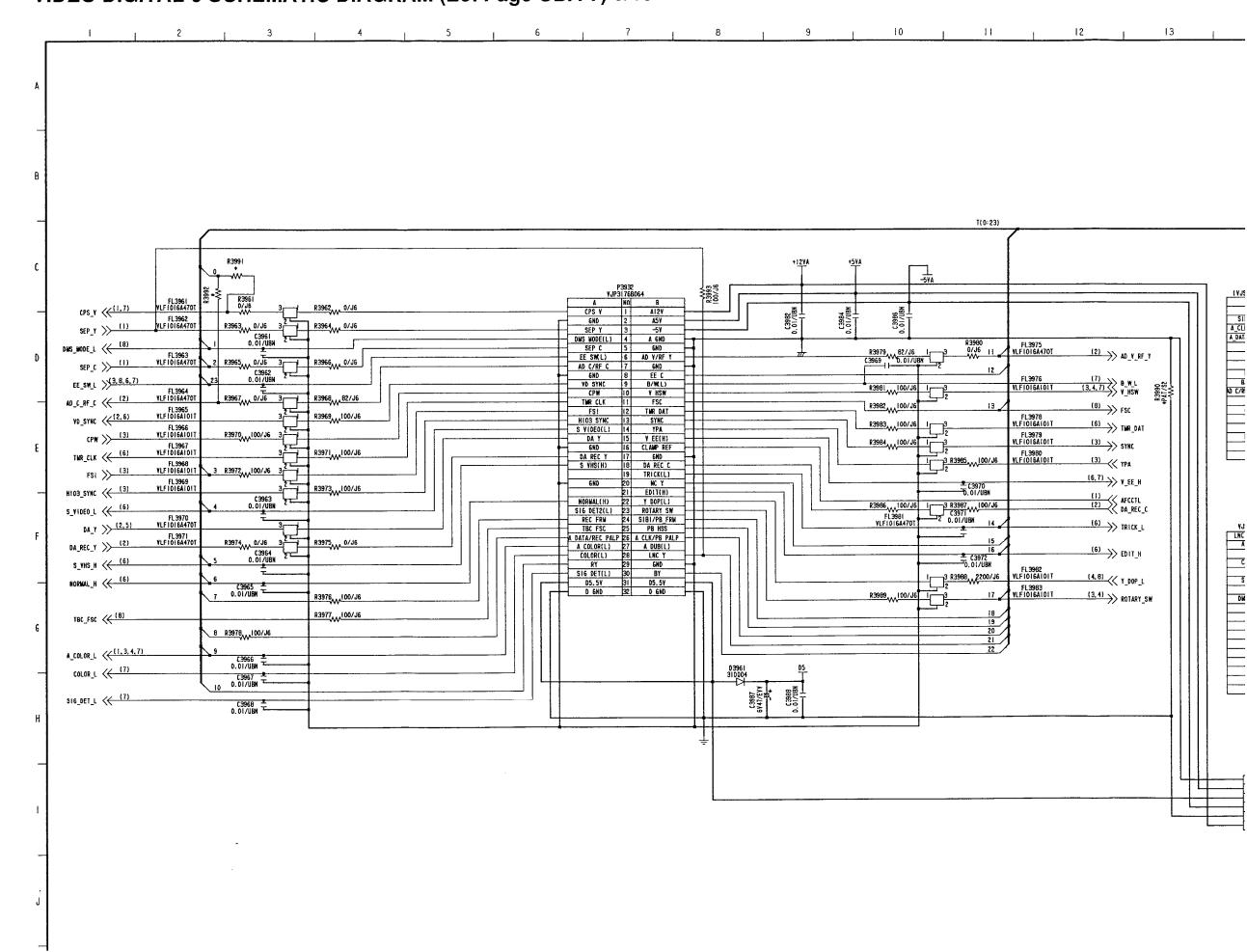
VIDEO DIGITAL-7 SCHEMATIC DIAGRAM (E6: Page CBA-7) 7/10

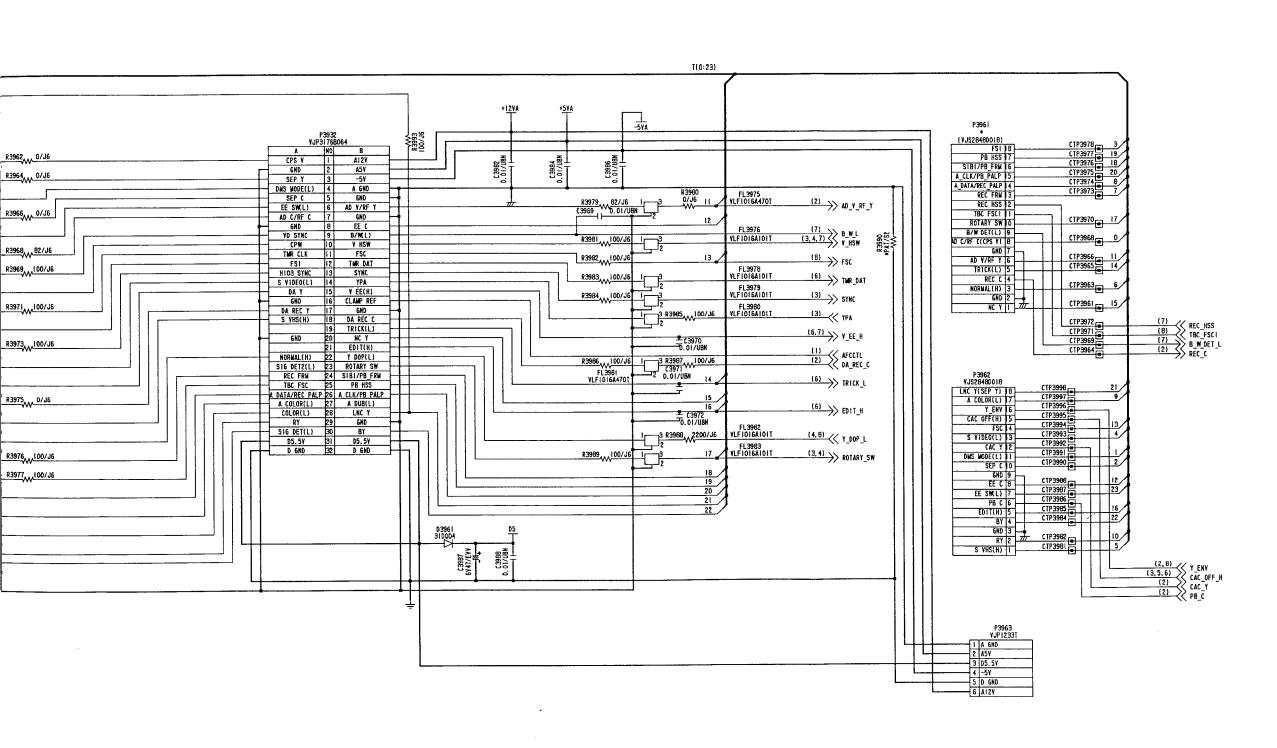


MATIC DIAGRAM (E6: Page CBA-7) 7/10

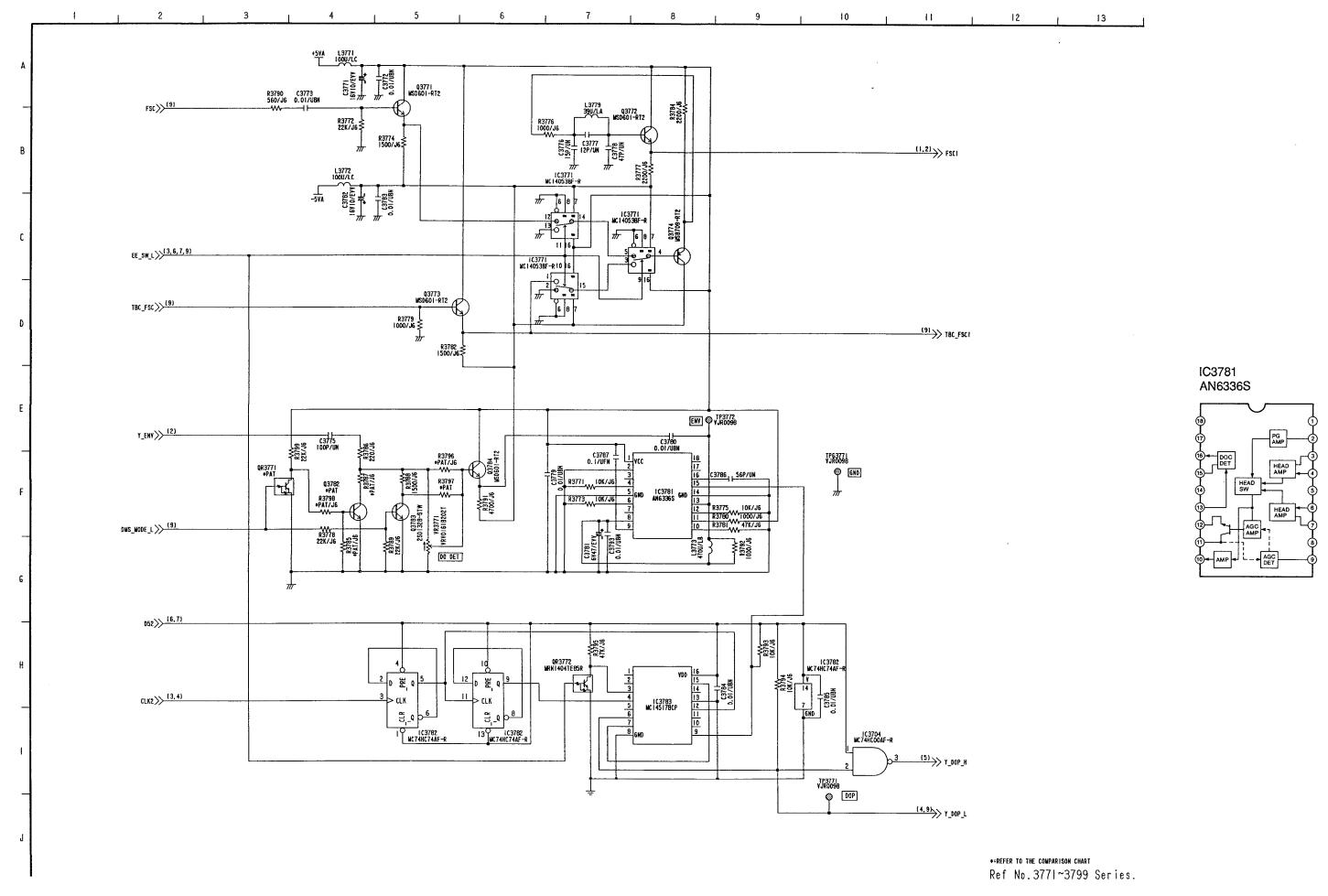


VIDEO DIGITAL-9 SCHEMATIC DIAGRAM (E6: Page CBA-7) 9/10





VIDEO DIGITAL-8 SCHEMATIC DIAGRAM (E6: Page CBA-7) 8/10

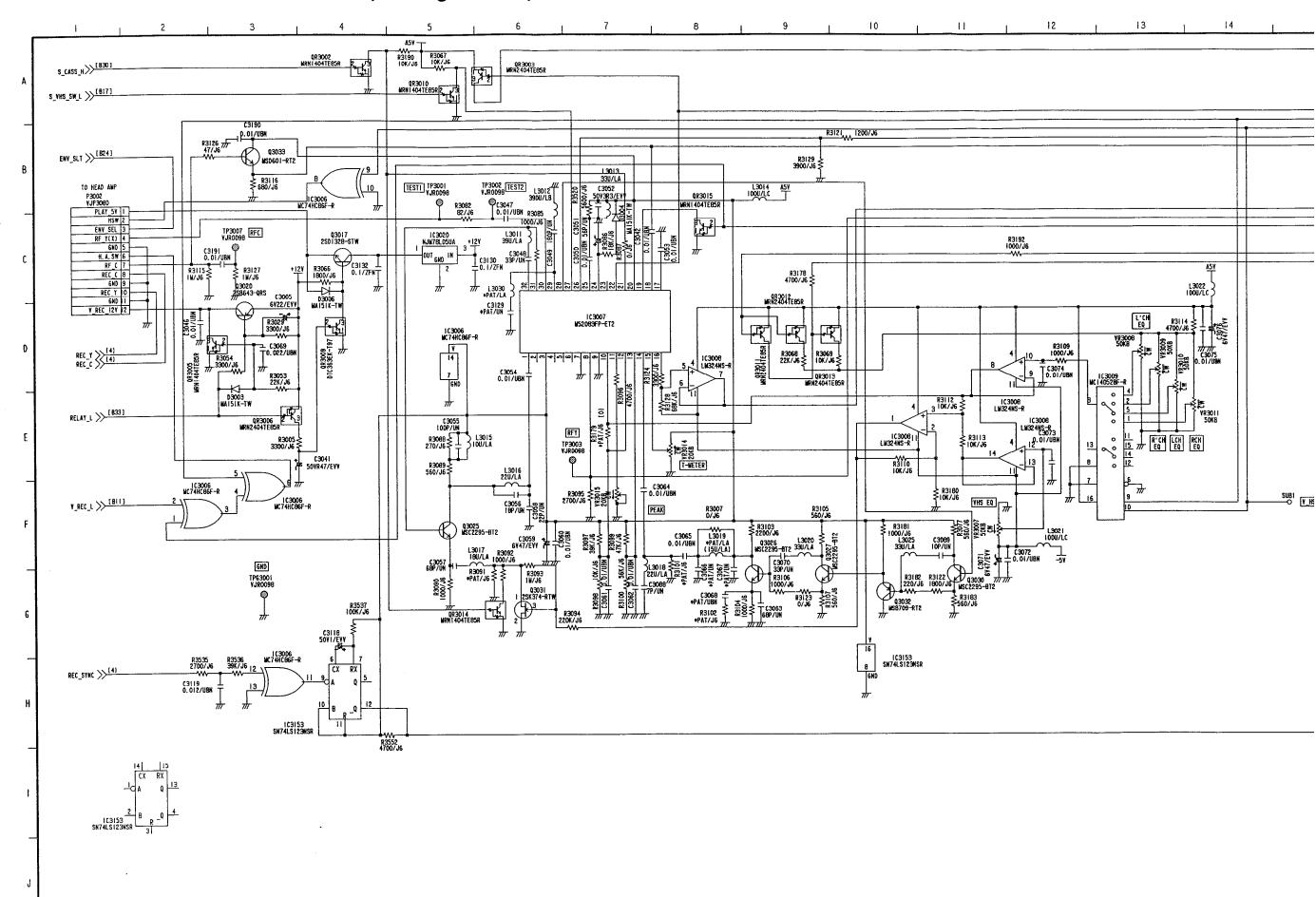


VIDEO DIGITAL COMPARISON CHART (E6: Page CBA-7)

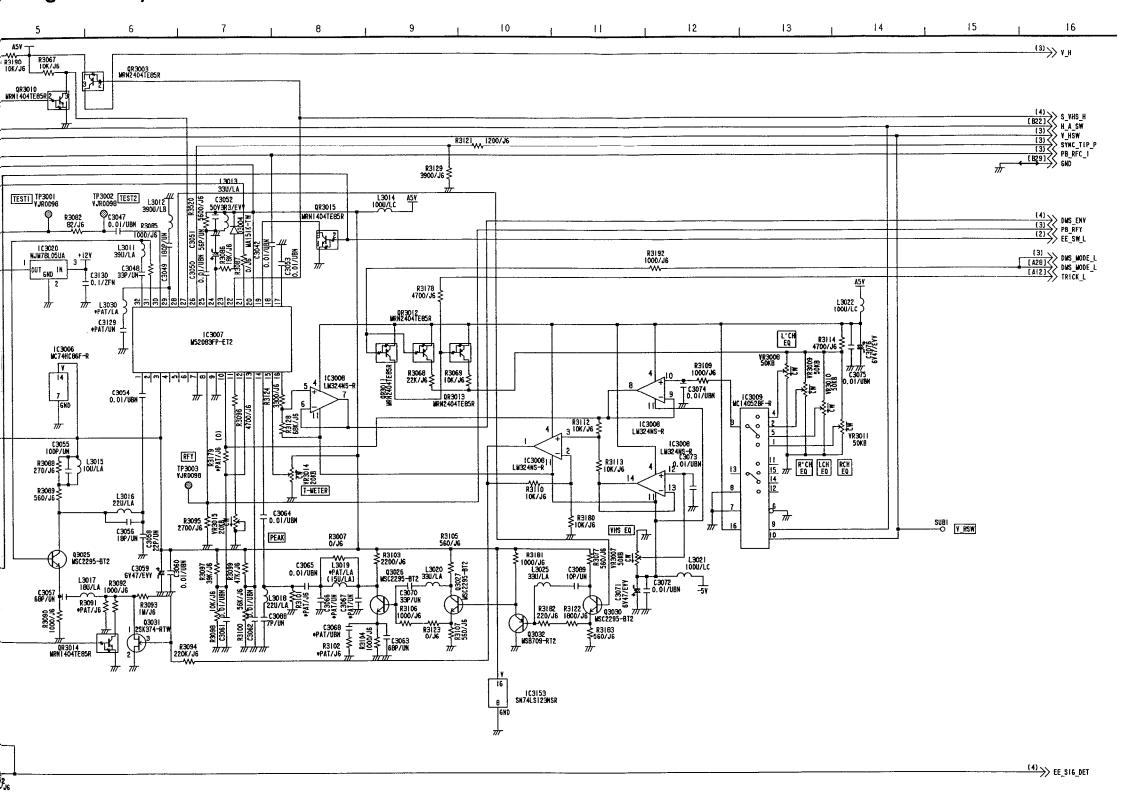
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C3615	0.1/UFN	0.1/UFN	0.1/UFN	L3703	270U/LB	270U/LB	270U/LB	R
C3617	0.1/UFN	0.1/UFN	0.1/UFN	L3704	*PAT/LC	*PAT/LC	100U/LC	R
C3650	*PAT/UN	*PAT/UN	0.1/UFN	P3961		VJS2848D018		R
C3653	*PAT/UN	*PAT/UN	470P/UN	Q3701		MSD601-QRT2		R
C3654	16V10/EVV	16V10/EVV	16V10/EVV	Q3702		MSD601-QRT2		R
C3655	6V47/EVV	6V47/EVV	6V47/EVV	Q3703		MSD601-QRT2		R
C3659	*PAT/UN	*PAT/UN	470P/UN	Q3782	*PAT		MSD601-QRT2	R
C3675	6P/UN	5P/UN	6P/UN	QR3704		MRN1404TE85R		
C3691	120P/UN	100P/UN	120P/UN	QR3705		MRN1404TE85R		
C3692	120P/UN	180P/UN	120P/UN	QR3771	*PAT		MRN1404TE85R	
C3694	120P/UN	180P/UN	120P/UN	R3601	0/J6	*PAT/J6	0/J6	R
C3695	120P/UN	*PAT/UN	120P/UN	R3602	*PAT/J6	0/J6	0/J6	R
C3696	120P/UN	*PAT/UN	120P/UN	R3603	0/J6	*PAT/J6	0/J6	R
C3701	0.01/UBN	0.01/UBN	0.01/UBN	R3604	*PAT/J6	0/J6	0/J6	R
C3702	6V47/EVV	6V47/EVV	6V47/EVV	R3605	0/J6	0/J6	0/16	R
C3703	0.01/UBN	0.01/UBN	0.01/UBN	R3606	*PAT/J6	*PAT/J6	0/16	K
C3704	6V47/EVV	6V47/EVV	6V47/EVV	R3611	*PAT/J6	*PAT/J6	0/J6	K
C3705	100P/UN	100P/UN	100P/UN	R3621	*PAT/J6	*PAT/J6	0/J6	<u> R</u>
C3706	270P/UN	270P/UN	270P/UN	R3622	*PAT/J6	*PAT/J6	0/J6	$\frac{1}{R}$
C3707	6V47/EVV	6V47/EVV	6V47/EVV	R3624	*PAT/J6	*PAT/J6	0/J6	R
C3708	0.1/UFN	0.1/UFN	0.1/UFN	R3627	*PAT/J6	*PAT/J6	0/J6	R
C3709	0.047/UBN	0.047/UBN	0.047/UBN	R3628	*PAT/J6	*PAT/J6	0/16	K
C3710	560P/UN	560P/UN	560P/UN	R3630	*PAT/J6	*PAT/J6	0/J6	R
C3711	0.01/UBN	0.01/UBN	0.01/UBN	R3653	*PAT/J6	*PAT/J6	0/J6	R
C3712	16V47/EVV	16V47/EVV	16V47/EVV	R3654	*PAT/J6	*PAT/J6	0/J6	$\left\{\begin{array}{c} R \\ R \end{array}\right\}$
C3713	*PAT/UN	*PAT/UN	470P/UN	R3655	*PAT/J6	*PAT/J6	0/J6	N
D3701	MA153-TW	MA153-TW	MA153-TW	R3657	*PAT/J6	*PAT/J6	0/J6	R
D3702	MA151K-TW	MA151K-TW	MA151K-TW	R3658	0/J6	0/J6	0/J6	
D3703	*PAT	*PAT	MA151K-TW	R3660	*PAT/J6	*PAT/J6	0/J6	
D3707	*PAT	MA151K-TW	MA151K-TW	R3662	*PAT/J6	*PAT/J6	0/J6 0/J6	· F
D3901	*PAT	*PAT	MA151K-TW	R3663	*PAT/J6	*PAT/J6	0/J6	1 - r
D3902	*PAT	*PAT	MA151K-TW	R3670	*PAT/J6	*PAT/J6 3300/J6	3900/J6	
I C3601	*PAT	CXD2105AQ	CXD2105AQ	R3672 R3690	3900/J6 *PAT/J6	*PAT/J6	0/16	LP
I C3603	AN78L05	AN78L05	AN78L05		*PAT/J6	*PAT/J6	0/J6	1
I C3606	*PAT	TC7W04FTE12L		R3692	100/J6	100/J6	100/J6	1
I C3607	*PAT		MC74HC163AFR CXD1175AM-T1	R3701 R3702	1007J6	100/J6	1000/J6	1
I C3655	*PAT		MST003MS	R3703	*PAT/J6	*PAT/J6	1000/J6	
I C3671	*PAT	MST003MS	TA7357P	R3704	2200/J6	2200/J6	2200/J6	1
I C3701	TA7357P	TA7357P *PAT/LC	100U/LC	R3705	120K/J6	120K/J6	120K/J6	1
L3602	*PAT/LC		3R3U/LA	R3706	12K/J6	12K/J6	12K/J6	1
L3691	3R3U/LA	2R7U/LA 2R7U/LA	3R3U/LA	R3707	470K/J6	470K/J6	470K/J6	1
L3692	3R3U/LA	150U/LA	220U/LA	R3708	470K/JO 4700/J6	4700/J6	4700/J6	†
L3693	220U/LA		100U/LC	R3709	47K/J6	47K/J6	47K/J6	1
L3701	100U/LC	100U/LC			1M/J6	1M/J6	1M/J6	1
L3702	100U/LC	100U/LC	100U/LC	R3710	TW/10	T IM/10	TU\10	J

========			
\$REF\$	NTSC	PAL	ON
R3711	*PAT/J6	*PAT/J6	0/J6
R3712	*PAT/J6	*PAT/J6	0/J6
R3715	2200/J6	2200/J6	2200/J6
R3716	6800/J6	6800/J6	6800/J6
R3718	1000/J6	1000/J6	1000/J6
R3719	3300/J6	3300/J6	3300/J6
R3721	*PAT/J6	*PAT/J6	0/J6
R3785	*PAT/J6	*PAT/J6	0/J6
R3787	*PAT/J6	*PAT/J6	0/J6
R3796	*PAT/J6	*PAT/J6	0/J6
R3797	*PAT/J6	*PAT/J6	0/J6
R3798	*PAT/J6	*PAT/J6	0/16
R3814	*PAT/J6	*PAT/J6	0/J6
R3863	*PAT/J6	*PAT/J6	0/J6
R3892	*PAT/J6	*PAT/J6	0/J6
R3916	*PAT/J6	*PAT/J6	10K/J6
R3929	*PAT/J6	*PAT/J6	0/J6
R3930	*PAT/J6	*PAT/J6	0/J6
R3931	*PAT/J6	*PAT/J6	0/J6
R3932	*PAT/J6	*PAT/J6	0/J6
R3934	*PAT/J6	*PAT/J6	0/J6
R3936	*PAT/J6	*PAT/J6	0/J6
R3940	*PAT/J6	*PAT/J6	0/J6
R3941	*PAT/J6	*PAT/J6	0/J6
R3943	*PAT/J6	*PAT/J6	0/J6
R3945	*PAT/J6	*PAT/J6	0/J6
R3946	*PAT/J6	*PAT/J6	0/J6
R3947	*PAT/J6	*PAT/J6	0/J6
R3958	0/J6	*PAT/J6	0/J6
· R3959	*PAT/J6	0/J6	0/J6
R3990	*PAT/J6	*PAT/J6	0/J6
R3991	*PAT/J6	*PAT/J6	0/J6
R3992	*PAT/J6	0/J6	0/J6

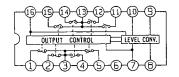
VIDEO I/O-1 SCHEMATIC DIAGRAM (E5: Page CBA-8) 1/6



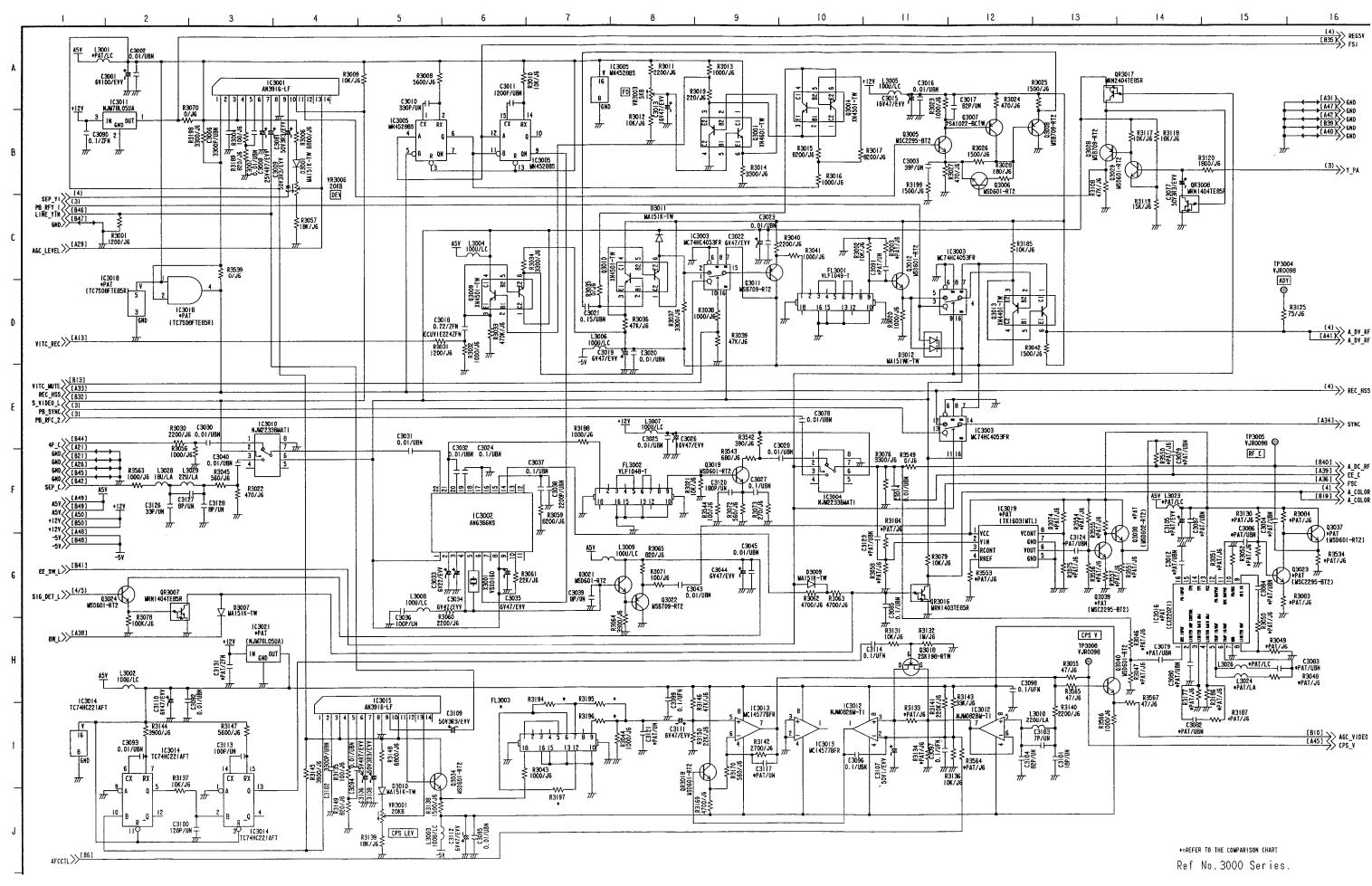
5: Page CBA-8) 1/6



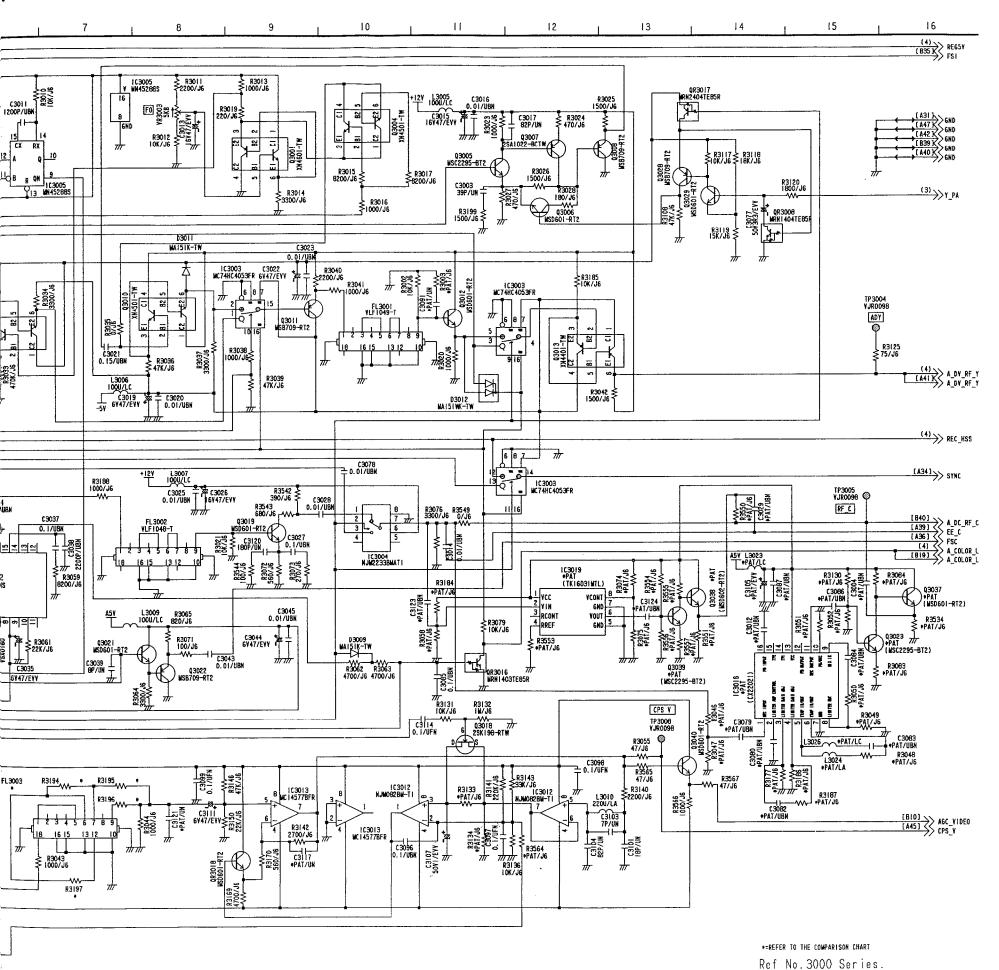
IC3009 MC14052BF-R



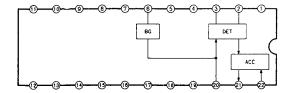
VIDEO I/O-2 SCHEMATIC DIAGRAM (E5: Page CBA-8) 2/6



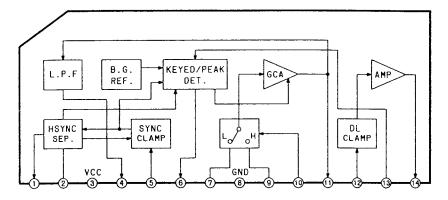
) 2/6



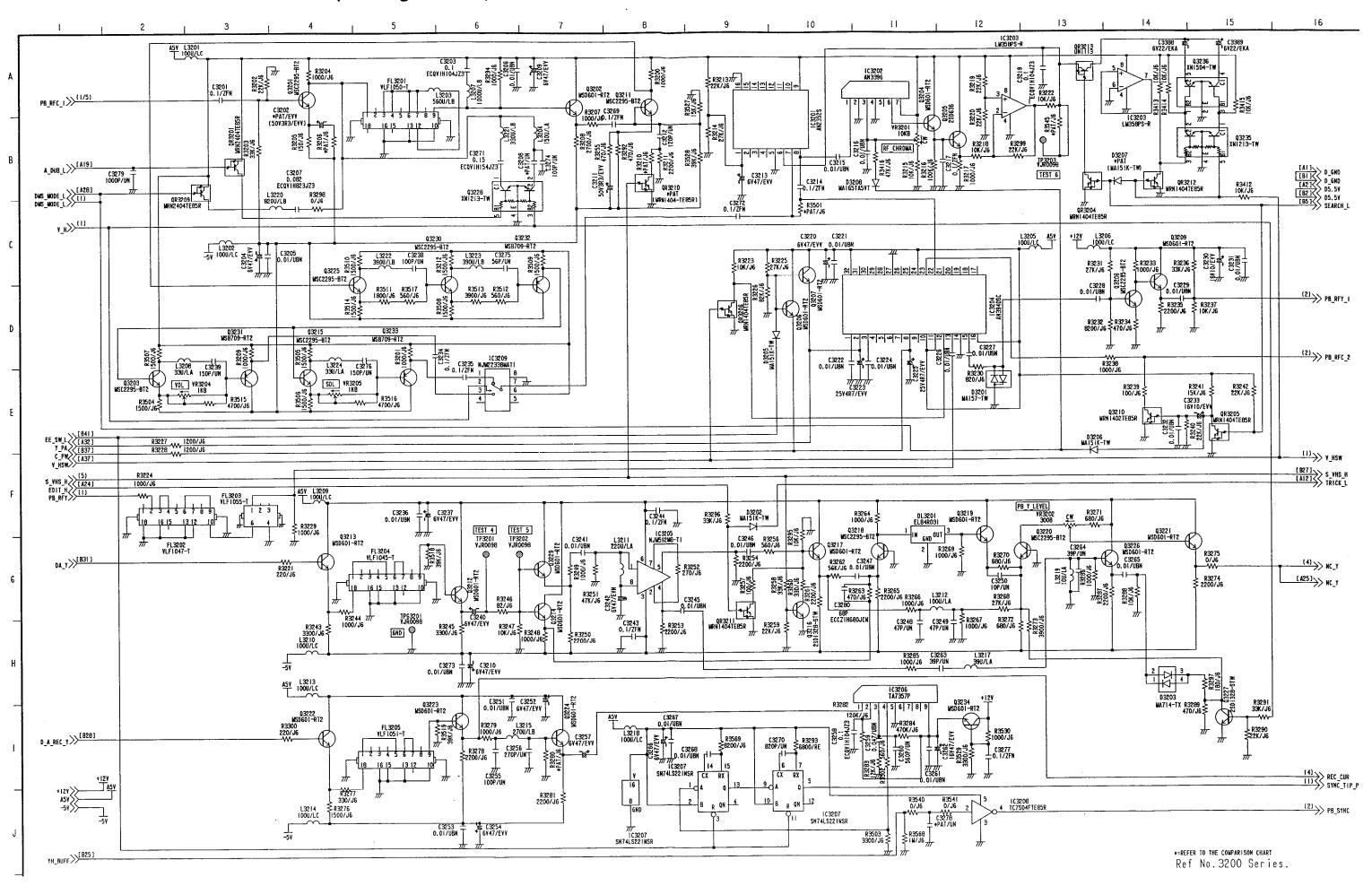
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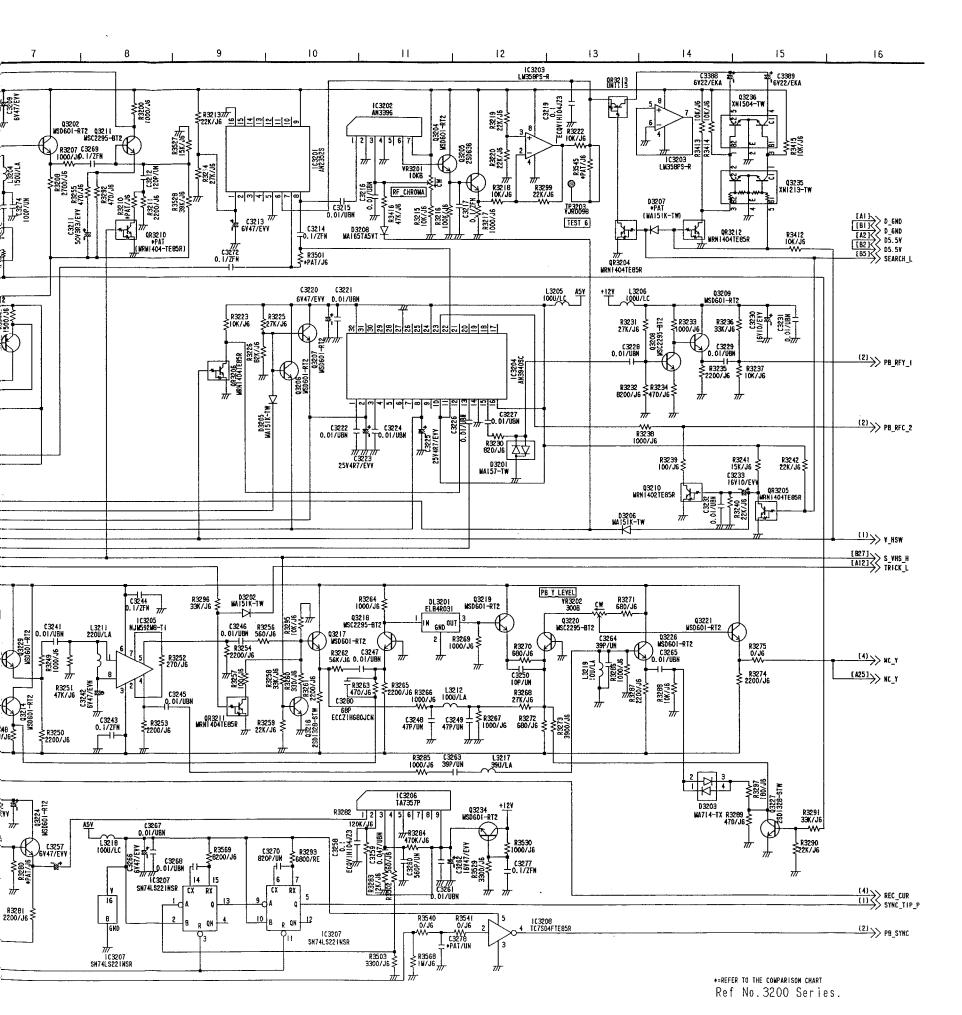


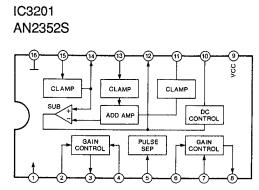
IC3001,3015 AN3916-LF

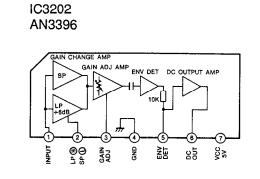


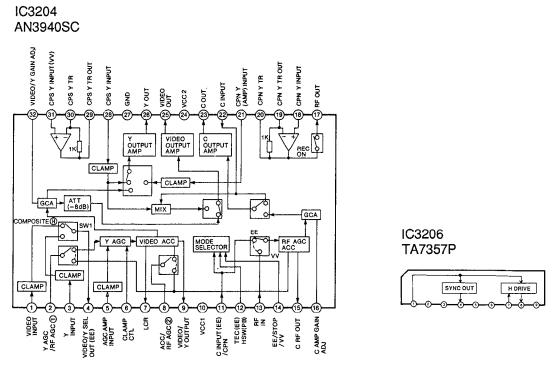
VIDEO I/O-3 SCHEMATIC DIAGRAM (E5: Page CBA-8) 3/6



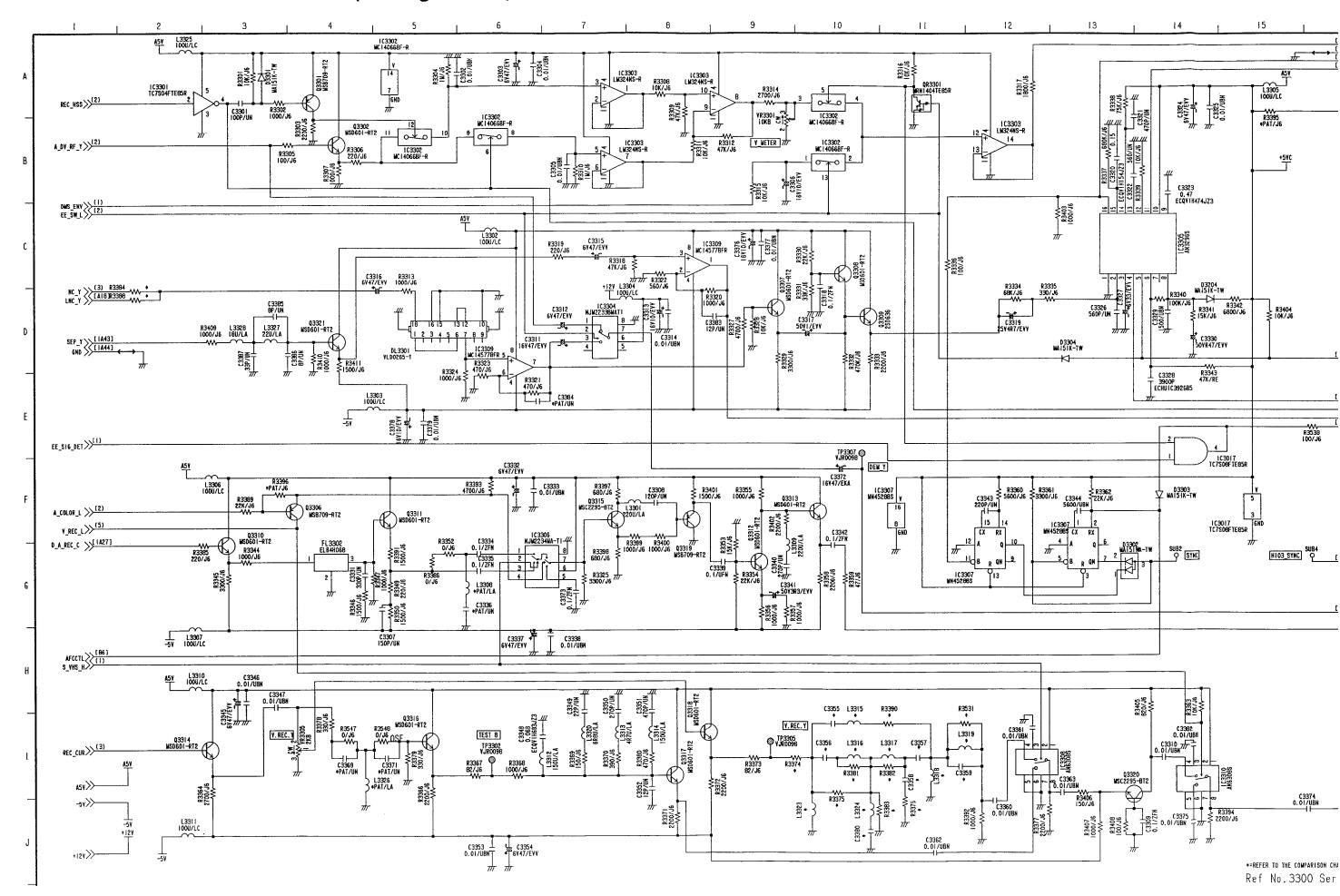




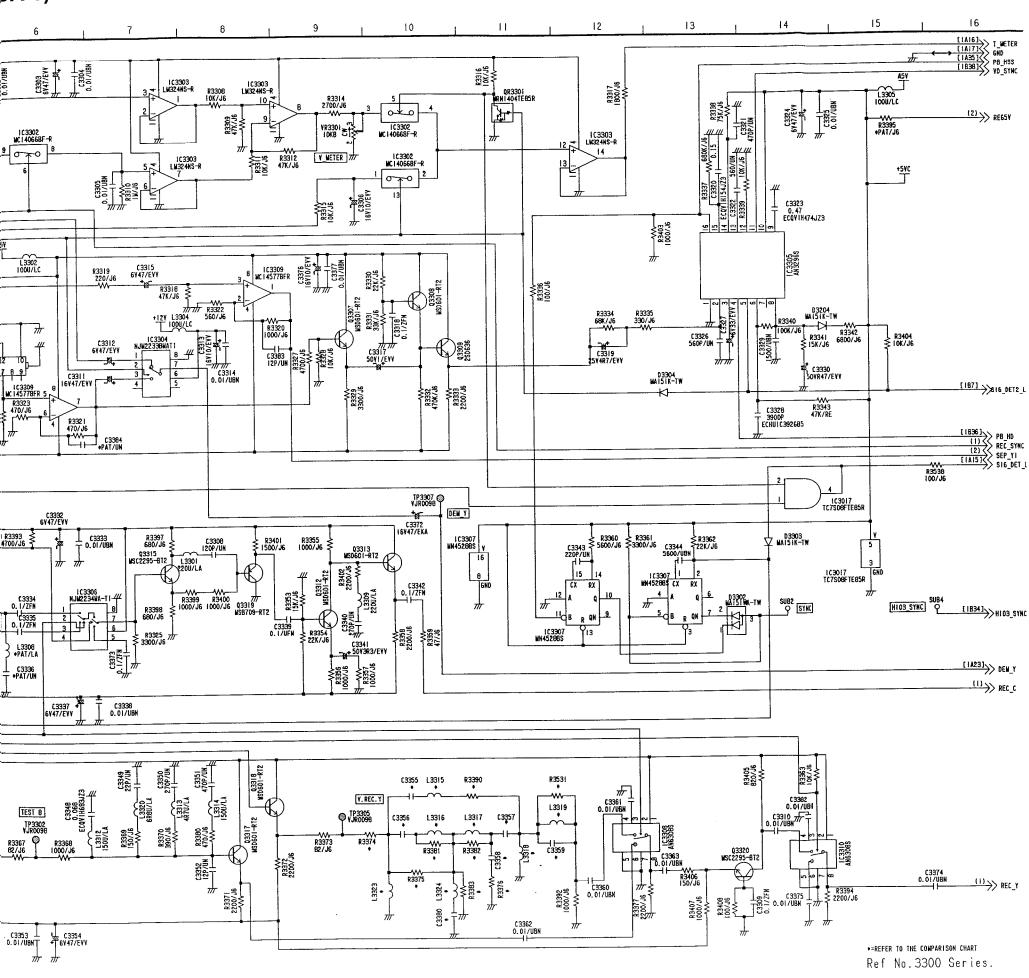


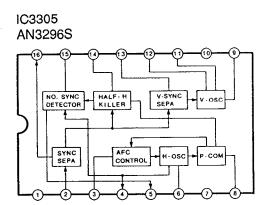


VIDEO I/O-4 SCHEMATIC DIAGRAM (E5: Page CBA-8) 4/6



3A-8) 4/6





VIDEO I/O-5 SCHEMATIC DIAGRAM (E5: Page CBA-8) 5/6

	1	2	3			4	5	
			VJP3	P931				
		401	VJP3	NO	B B] (2)		
-		D_GND D5.5V	D_GND D5.5V		D_GND	(3)	D_GND D5.5V	
		D5.5V //		2	D5.5V		ار من من المن المن المن المن المن المن الم	
				4	SEARCH(L)	13)	ZZ SEVBUR I	
				5 6	CLAMP_REF	(4)	SEARCH_L AFCCTL SIG_DET2_L	
				7 8	SIG_DET2_L	- (7)	>> SIG_DET2_L	
				9		121	· · ·	
			ļ	10 11	AGC_VIDED V_REC(L)	(4)	AGC_VIDEO V_REC_L	
		$TRICK_L > \frac{(1)}{(2)}$	TRICK(L)	12				
	1	TRICK_L (1)	VITC_REC	13	VITC_MUT GND	[2]	≪YITC_MUTE GND	
1	S	1G_DET_L (4) T_METER (4) GND (4) LNC_Y (3) A_DUB_L (3)	SIG_DET(L)	15	TBC_FSC			
		T_METER (4)	T_METER GND	16 17	GND S_VHS_SW_L	- [1]	≪GND ≪s_yhs_sw_l	
		LNC_Y (4)	LNC_Y	18	COLOR(L)	[2]	\\\	
		A_DUB_L >>	A_DUB(L)	19 20	A_COLOR(L)	-	>>> A_COLOR_L	
		GND (2)	GND	21	GND	[2]	GND H_A_SW GND ENV_SLT YH_BUFF	
			FM_REC(H) DEM_Y	22 23	H_AMP_SW GND	(1)	→>H_A_SW << gnd	
		DEM_Y (4) (3) EDIT_H (3,4) NC_Y (2)	EDIT(H)	24	ENV_SLT	(3)	ENV_SLT	
		NC_Y (2) GND (4)	NC_Y GND	25 26	YH_BUFF	(3)	→> AH ROLL	
	D	A REU U // (1 2)	DA_REC_C DMS_MODE(L)	27 28	S_VHS(H) DA_REC_Y	(3)	S_VHS_H D_A_REC_Y GND	
	A I	S_MODE_L (2)	AGC_LEVEL	29	GND	(1)	GND CONTRACT	
		(2)	GND	30 31	S_CASS(H) DA_Y	- (3)	S_CASS_H	
		GND (2,3) Y PA (2) REC HSS (2) SYNC (4) PB HSS (4)	YPA	32	S_VIDEO(L)	- (1)	S_CASS_H DA_Y S_VIDEO_L	
		REC_HSS (2)	REC_HSS SYNC	33 34	RELAY(L) HIO3 SYNC	[4]	RELAY_L	
			PB_HSS	35	FSI	(2)	KFSI -	
		FSC (2)	FSC V_HSW	36 37	P8_HD CPW	[3]	7/18_HU	
		V_HSW (2) BW_L (2)	B/W(L)	38	YD_SYNC	[4]	>> VD_SYNC	
		EE_C (2)	EE_C GND	39 40	GND AD_C/RF_C	(2)	GND A_DC_RF_C	
	A_1	DV_RF_Y (2)	A_DV_RF_Y	41	EE_SW(L)	(2)	<pre></pre> <pre>SW_L</pre>	
		SEP_Y (4)	SEP_Y	42 43	SEP_C GND	(4)	SEP_C GND	
		GND (21 CPS_V	GND CPS V	44 45	4P_C(X) GND	(2)	4P_C</td <td></td>	
			CPS_V	46	LINE/Y(X)	(2)	SGND LINE_YIN	
		GND (2) -5V (2)	-5V	47 48	6ND -5V	(2)	<∫GND	
		A5V (2)	A5V	49	A5Y	(2)	<_5V <_A5V	
		+127	129	50	127	J(2)	≪ +12 V	
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VIDEO I/O COMPARISON CHART (E5: Page CBA-8)

\$REF\$ NTSC PAL ON \$REF\$ NTSC C3004 *PAT/UBN *PAT/UBN AVSD38/UBN L3308 *PAT/LA C3012 *PAT/UBN *PAT/UBN AVSD3/UBN L3315 220U/LA C3029 *PAT/UBN *PAT/UBN 0.01/UBN L3316 39U/LA C3066 *PAT/UN *PAT/UN 82P/UN L3317 33U/LA C3067 *PAT/UN *PAT/UN 10P/UN L3318 82U/LA C3068 *PAT/UBN *PAT/UBN 0.01/UBN L3319 270U/LB C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	PAL *PAT/LA *PAT/LA *PAT/LA *PAT/LA *PAT/LA *PAT/LB 82U/LA 150U/LA *PAT/LA *PAT/LA	01 AVSD13 39U, 33U, 82U, 270U, 82U, 150U,
C3012 *PAT/UBN *PAT/UBN AVSD3/UBN L3315 220U/LA C3029 *PAT/UBN *PAT/UBN 0.01/UBN L3316 39U/LA C3066 *PAT/UN *PAT/UN 82P/UN L3317 33U/LA C3067 *PAT/UN *PAT/UN 10P/UN L3318 82U/LA C3068 *PAT/UBN *PAT/UBN 0.01/UBN L3319 270U/LB C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	*PAT/LA *PAT/LA *PAT/LA *PAT/LA *PAT/LB 82U/LA 150U/LA *PAT/LA	82U, 270U, 82U, 150U,
C3029 *PAT/UBN *PAT/UBN 0.01/UBN L3316 39U/LA C3066 *PAT/UN *PAT/UN 82P/UN L3317 33U/LA C3067 *PAT/UN *PAT/UN 10P/UN L3318 82U/LA C3068 *PAT/UBN *PAT/UBN 0.01/UBN L3319 270U/LB C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	*PAT/LA *PAT/LA *PAT/LA *PAT/LB 82U/LA 150U/LA *PAT/LA	39U, 33U, 82U, 270U, 82U, 150U,
C3066 *PAT/UN *PAT/UN 82P/UN L3317 33U/LA C3067 *PAT/UN *PAT/UN 10P/UN L3318 82U/LA C3068 *PAT/UBN *PAT/UBN 0.01/UBN L3319 270U/LB C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	*PAT/LA *PAT/LA *PAT/LB 82U/LA 150U/LA *PAT/LA	33U, 82U, 270U, 82U, 150U,
C3067 *PAT/UN *PAT/UN 10P/UN L3318 82U/LA C3068 *PAT/UBN *PAT/UBN 0.01/UBN L3319 270U/LB C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	*PAT/LA *PAT/LB 82U/LA 150U/LA *PAT/LA	82U, 270U, 82U, 150U,
C3068 *PAT/UBN *PAT/UBN 0.01/UBN L3319 270U/LB C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	*PAT/LB 82U/LA 150U/LA *PAT/LA	270U. 82U. 150U.
C3079 *PAT/UBN *PAT/UBN AVSD1/UBN L3323 *PAT/LA	82U/LA 150U/LA *PAT/LA	82U, 150U,
	150U/LA *PAT/LA	150U,
C3080 *PAT/UBN *PAT/UBN AVSD2/UBN L3324 *PAT/LA	*PAT/LA	000
C3082 *PAT/UBN *PAT/UBN AVSD4/UBN L3326 *PAT/LA	*PAT	330,
C3083 *PAT/UBN *PAT/UBN AVSD5/UBN Q3023 *PAT	1	MSC229
C3084 *PAT/UBN *PAT/UBN AVSD6/UBN Q3037 *PAT	*PAT	MSD60
C3086 *PAT/UBN *PAT/UBN AVSD7/UBN Q3038 *PAT	*PAT	MSD60
C3087 *PAT/UBN *PAT/UBN AVSD8/UBN Q3039 *PAT	*PAT	MSC229
C3091 *PAT/UN *PAT/UN 6P/UN QR3210 *PAT	*PAT	MRN140
C3105	*PAT/J6	2700.
C3117	*PAT/J6	AVSD1
C3121 *PAT/UN *PAT/UN 22P/UN R3047 *PAT/J6	*PAT/J6	AVSD2
C3123 *PAT/UBN *PAT/UBN 0.01/UBN R3048 *PAT/J6	*PAT/J6	AVSD2
C3124 *PAT/UBN *PAT/UBN 0.01/UBN R3049 *PAT/J6	*PAT/J6	AVSD2
C3129 *PAT/UN *PAT/UN 15P/UN R3050 *PAT/J6	*PAT/J6	AVSD2
C3131	*PAT/J6	AVSD3
C3202 *PAT/EVV *PAT/EVV 50V3R3/EVV R3052 *PAT/J6	*PAT/J6	AVSD2
C3208	*PAT/J6	22K
C3278 *PAT/UN *PAT/UN 100P/UN R3074 *PAT/J6	*PAT/J6	22K
C3336	*PAT/J6	22K
C3355	*PAT/J6	AVSD2
C3356 15P/UN 68P/UN 15P/UN R3084 *PAT/J6	*PAT/J6	AVSD2
C3357 270P/UN 0.01/UBN 270P/UN R3091 *PAT/J6	*PAT/J6	1000
C3358 82P/UN 10P/UN 82P/UN R3101 *PAT/J6	*PAT/J6	AVSD2
C3359 180P/UN 0/J6 180P/UN R3102 *PAT/J6	*PAT/J6	680
C3369 *PAT/UN *PAT/UN 150P/UN R3130 *PAT/J6	*PAT/J6	AVSD2
C3371 *PAT/UN *PAT/UN 150P/UN R3133 *PAT/J6	*PAT/J6	AVSD2
C3380 *PAT/UN 180P/UN 180P/UN R3134 *PAT/J6	*PAT/J6	AVSD3
C3384 *PAT/UN *PAT/UN 27P/UN R3177 *PAT/J6	*PAT/J6	47K AVSD3
FL3003 VLF1015-T VLF0932-T VLF1015-T R3179 *PAT/J6	*PAT/J6	
IC3016 *PAT *PAT CX22021 R3184 *PAT/J6	*PAT/J6	10K 47K
IC3018 *PAT *PAT TC7S08FTE85R R3186 *PAT/J6 IC3019 *PAT *PAT TK16031MTL R3187 *PAT/J6	*PAT/J6	47K
	*PAT/J6 0/J6	0/
	*PAT/J6	0/
L3001 *PAT/LC *PAT/LC 100U/LC R3195 0/J6 L3019 *PAT/LA *PAT/LA 15U/LA R3196 *PAT/J6	0/J6	0/
	*PAT/J6	0/
L3023 *PAT/LC *PAT/LC AVSD14/LC R3197 O/J6 L3024 *PAT/LA *PAT/LA AVSD15/LA R3206 *PAT/J6	*PAT/J6	AVSD3
L3024 *PAT/LA *PAT/LA AVSD19/LA R3200 +PAT/30 L3026 *PAT/LC *PAT/LC AVSD16/LC R3210 *PAT/36	*PAT/J6	AVSD3
L3030 *PAT/LA *PAT/LA 10U/LA R3280 *PAT/J6	*PAT/J6	AVSD3

\$REF\$	NTSC	PAL	ON	\$REF\$	NTSC	PAL	ON
C3004	*PAT/UBN	*PAT/UBN	AVSD38/UBN	L3308	*PAT/LA	*PAT/LA	AVSD17/LA
C3012	*PAT/UBN	*PAT/UBN	AVSD3/UBN	L3315	220U/LA	*PAT/LA	AVSD18/LA
C3029	*PAT/UBN	*PAT/UBN	0.01/UBN	L3316	39U/LA	*PAT/LA	39U/LA
C3066	*PAT/UN	*PAT/UN	82P/UN	L3317	33U/LA	*PAT/LA	33U/LA
C3067	*PAT/UN	*PAT/UN	10P/UN	L3318	82U/LA	*PAT/LA	82U/LA
C3068	*PAT/UBN	*PAT/UBN	0.01/UBN	L3319	270U/LB	*PAT/LB	270U/LB
C3079	*PAT/UBN	*PAT/UBN	AVSD1/UBN	L3323	*PAT/LA	82U/LA	82U/LA
C3080	*PAT/UBN	*PAT/UBN	AVSD2/UBN	L3324	*PAT/LA	150U/LA	150U/LA
C3082	*PAT/UBN	*PAT/UBN	AVSD4/UBN	L3326	*PAT/LA	*PAT/LA	33U/LA
C3083	*PAT/UBN	*PAT/UBN	AVSD5/UBN	Q3023	*PAT	*PAT	MSC2295-BT2
C3084	*PAT/UBN	*PAT/UBN	AVSD6/UBN	<u> </u>	*PAT	*PAT	MSD601-RT2
C3086	*PAT/UBN	*PAT/UBN	AVSD7/UBN	Q3038	*PAT	*PAT	MSD601-RT2
C3087	*PAT/UBN	*PAT/UBN	AVSD8/UBN	Q3039	*PAT	*PAT	MSC2295-BT2
C3091	*PAT/UN	*PAT/UN	6P/UN	QR3210	*PAT	*PAT	MRN1404TE85R
C3105	*PAT/EVV	*PAT/EVV	6V47/EVV	R3003	*PAT/J6	*PAT/J6	2700/J6
C3117	*PAT/UN	*PAT/UN	4P/UN	R3046	*PAT/J6	*PAT/J6	AVSD19/J6
C3121	*PAT/UN	*PAT/UN	22P/UN	R3047	*PAT/J6	*PAT/J6	AVSD20/J6
C3123	*PAT/UBN	*PAT/UBN	0.01/UBN	R3048	*PAT/J6	*PAT/J6	AVSD21/J6
C3124	*PAT/UBN	*PAT/UBN	0.01/UBN	R3049	*PAT/J6	*PAT/J6	AVSD22/J6
C3129	*PAT/UN	*PAT/UN	15P/UN	R3050	*PAT/J6	*PAT/J6	AVSD23/J6
C3131	*PAT/ZFN	*PAT/ZFN	0.1/ZFN	R3051	*PAT/J6	*PAT/J6	AVSD37/J6
C3202	*PAT/EVV	*PAT/EVV	50V3R3/EVV	R3052	*PAT/J6	*PAT/J6	AVSD24/J6
C3208	*PAT/UN	*PAT/UN	AVSD10/UN	R3058	*PAT/J6	*PAT/J6	22K/J6
C3278	*PAT/UN	*PAT/UN	100P/UN	R3074	*PAT/J6	*PAT/J6	22K/J6
C3336	*PAT/UN	*PAT/UN	AVSD11/UN	R3075	*PAT/J6	*PAT/J6	22K/J6
C3355	0.01/UBN	*PAT/UBN	0.01/UBN	R3083	*PAT/J6	*PAT/J6	AVSD25/J6
C3356	15P/UN	68P/UN	15P/UN	R3084	*PAT/J6	*PAT/J6	AVSD26/J6
C3357	270P/UN	0.01/UBN	270P/UN	R3091	*PAT/J6	*PAT/J6	1000/J6
C3358	82P/UN	10P/UN	82P/UN	R3101	*PAT/J6	*PAT/J6	AVSD27/J6
C3359	180P/UN	0/J6	180P/UN	R3102	*PAT/J6	*PAT/J6	680/J6
C3369	*PAT/UN	*PAT/UN	150P/UN	R3130	*PAT/J6	*PAT/J6	AVSD28/J6
C3371	*PAT/UN	*PAT/UN	150P/UN	R3133	*PAT/J6	*PAT/J6	AVSD29/J6
C3380	*PAT/UN	180P/UN	180P/UN	R3134	*PAT/J6	*PAT/J6	AVSD30/J6
C3384	*PAT/UN	*PAT/UN	27P/UN	R3177	*PAT/J6	*PAT/J6	47K/J6
FL3003	VLF1015-T	VLF0932-T	VLF1015-T	R3179	*PAT/J6	*PAT/J6	AVSD31/J6
I C3016	*PAT	*PAT	CX22021	R3184	*PAT/J6	*PAT/J6	10K/J6
I C3018	*PAT	*PAT	TC7SO8FTE85R	R3186	*PAT/J6	*PAT/J6	47K/J6
I C3019	*PAT	*PAT	TK16031MTL	R3187	*PAT/J6	*PAT/J6	47K/J6
I C3021	*PAT	*PAT	NJM78L05UA	R3194	*PAT/J6	0/J6	0/J6
L3001	*PAT/LC	*PAT/LC	100U/LC	R3195	0/J6	*PAT/J6	0/J6
L3019	*PAT/LA	*PAT/LA	15U/ĽA	R3196	*PAT/J6	0/J6	0/J6
L3023	*PAT/LC	*PAT/LC	AVSD14/LC	R3197	0/J6	*PAT/J6	0/J6
L3024	*PAT/LA	*PAT/LA	AVSD15/LA	R3206	*PAT/J6	*PAT/J6	AVSD32/J6
L3026	*PAT/LC	*PAT/LC	AVSD16/LC	R3210	*PAT/J6	*PAT/J6	AVSD33/J6
L3030	*PAT/LA	*PAT/LA	10U/LA	R3280	*PAT/J6	*PAT/J6	AVSD34/J6
						•	

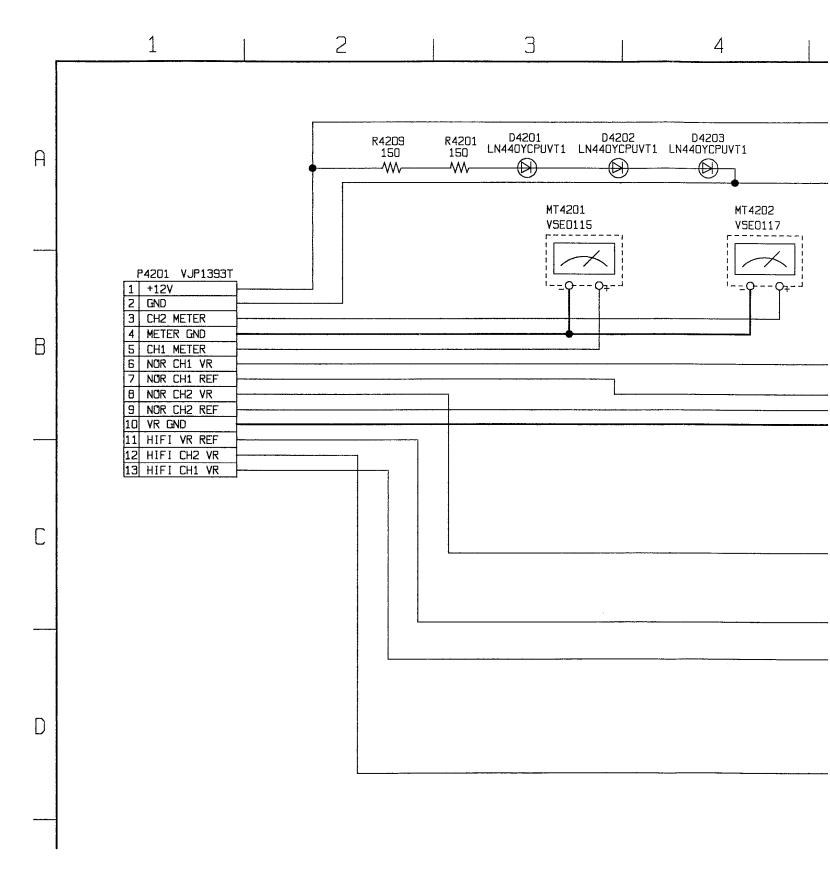
\$REF\$	NTSC	PAL	ON
R3374	1000/J6	470/J6	1000/J6
R3375	680/J6	*PAT/J6	680/J6
R3376	0/J6	680/J6	0/J6
R3381	*PAT/J6	0/J6	0/J6
R3382	*PAT/J6	2200/J6	2200/J6
R3383	*PAT/J6	1000/J6	1000/J6
R3384	0/J6	*PAT/J6	0/J6
R3388	*PAT/J6	0/J6	0/J6
R3390	470/J6	*PAT/J6	470/J6
R3395	*PAT/J6	*PAT/J6	AVSD35/J6
R3396	*PAT/J6	*PAT/J6	AVSD36/J6
R3501	*PAT/J6	0/J6	0/J6
R3531	2700/J6	*PAT/J6	2700/J6
R3534	*PAT/J6	*PAT/J6	1000/J6
R3550	*PAT/J6	*PAT/J6	0/J6
R3551	*PAT/J6	*PAT/J6	1000/J6
R3553	*PAT/J6	*PAT/J6	18K/J6
R3554	*PAT/J6	*PAT/J6	22K/J6
R3555	*PAT/J6	*PAT/J6	1000/J6
R3556	*PAT/J6	*PAT/J6	10K/J6
R3557	*PAT/J6	*PAT/J6	470/J6
R3564	*PAT/J6	*PAT/J6	0/J6

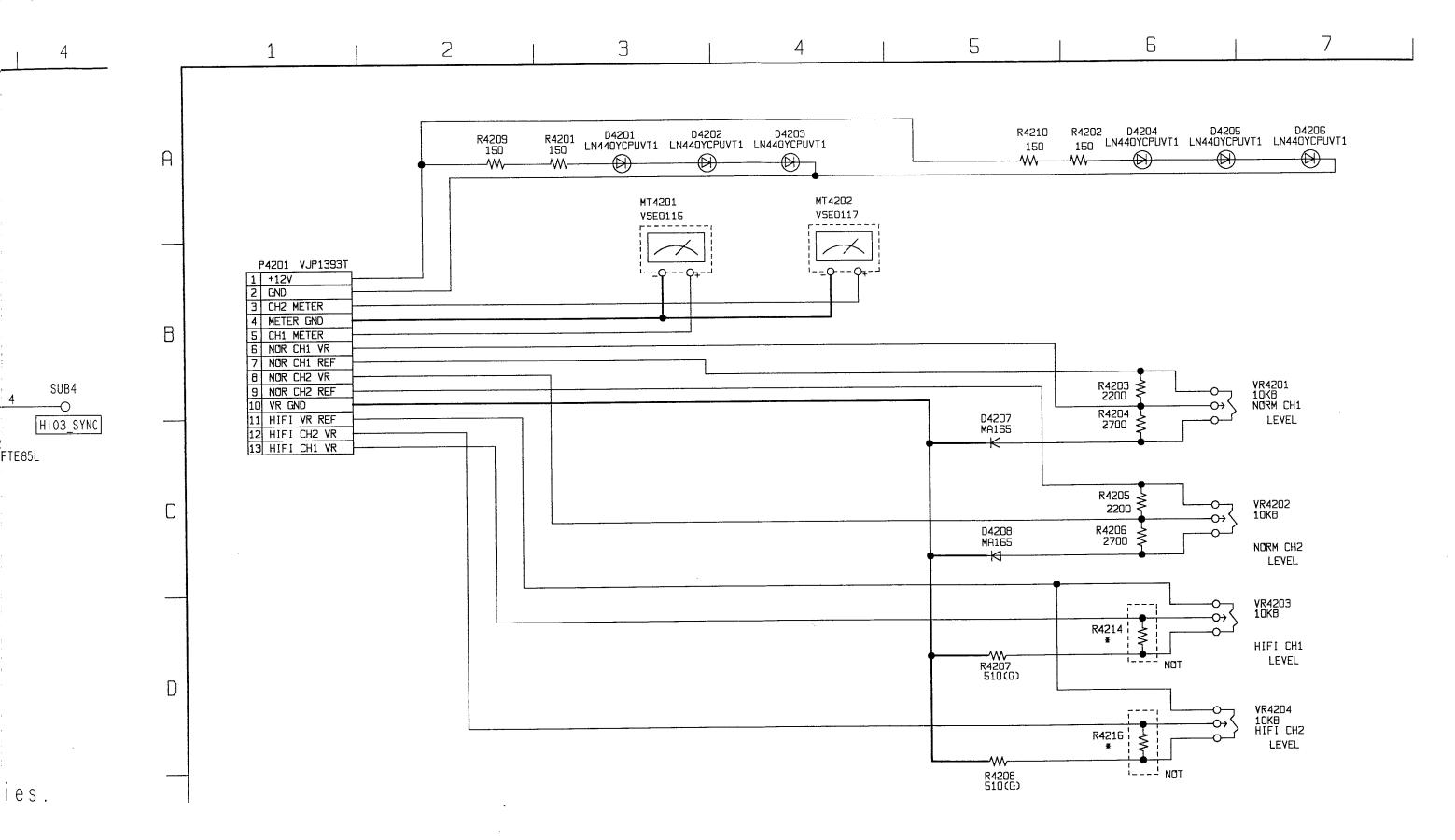
VIDEO I/O SUB (1) SCHEMATIC DIAGRAM (E104: Page CBA-8)

2 3 +570 R3571 *PAT/J6 SUB I C3391 470P/UN V_HSW R3570 47K/J6 R3572 4700/J6 SUB4 D3305 MA704-TW HIO3 SYNC 103312 T07832FTE85L 103311 T04830FTE85R 7// 7/7 SUB2 SYNC SUB3 GND

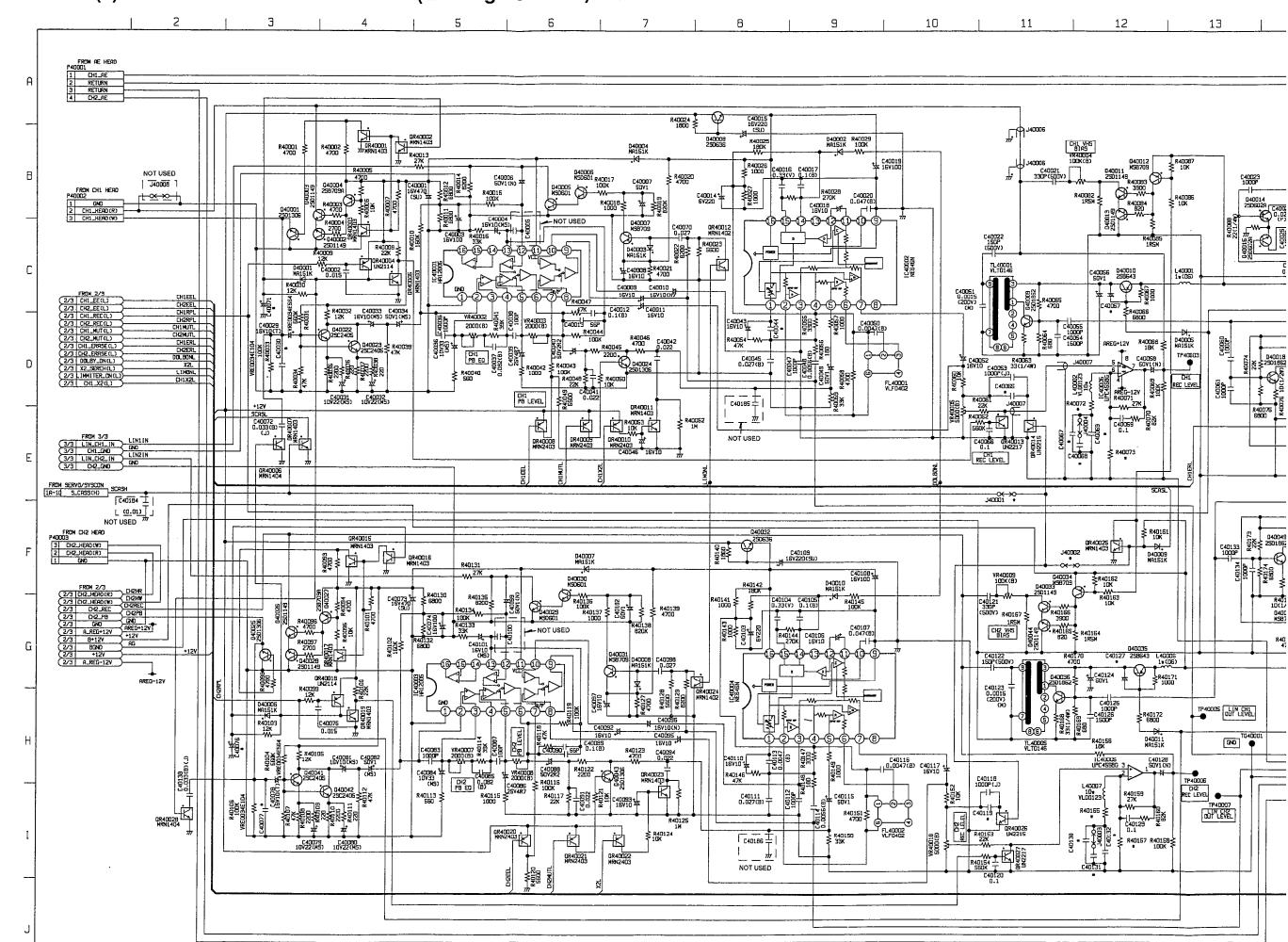
Ref No.3300 Series.

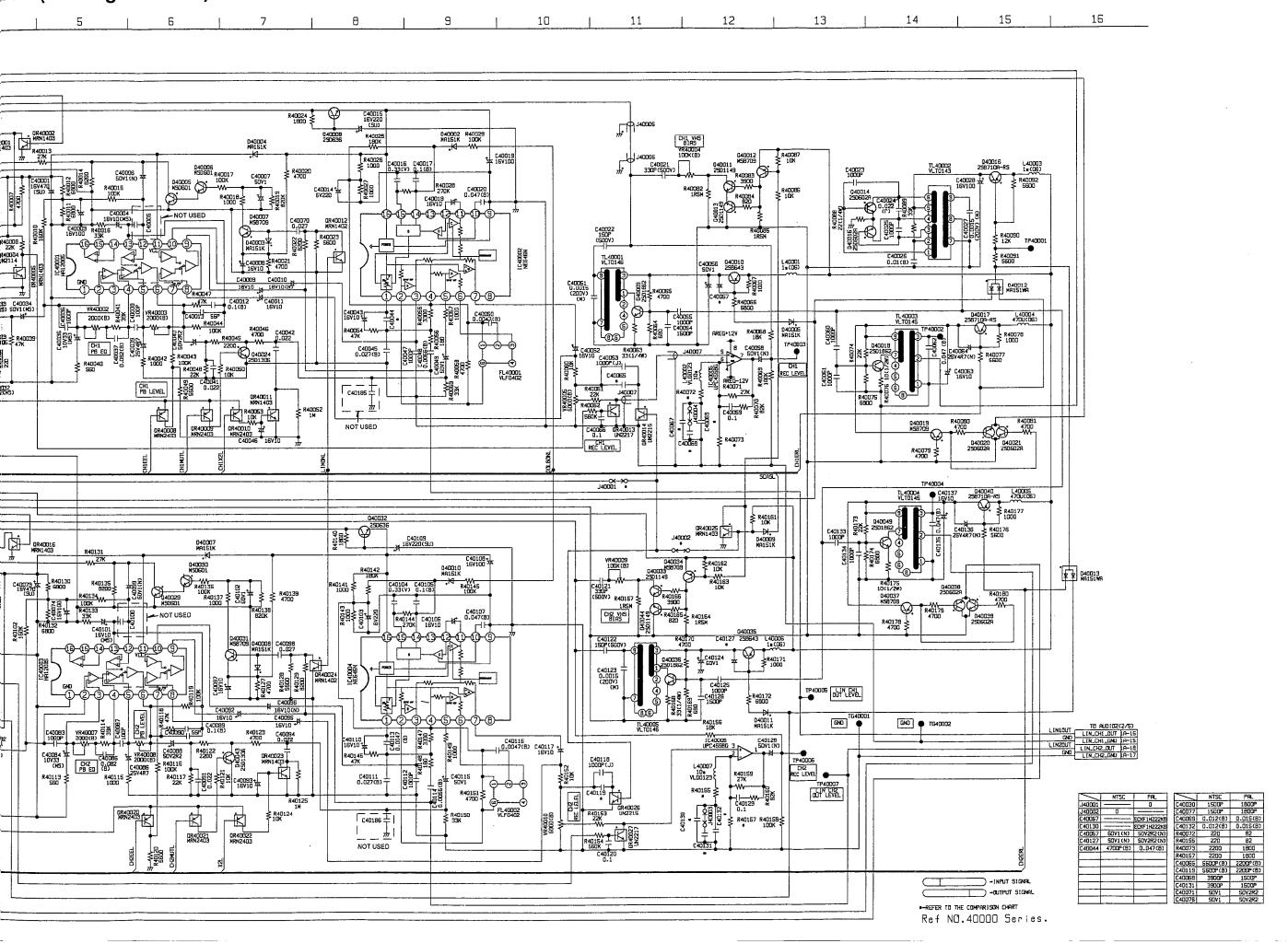
AUDIO METER SCHEMATIC DIAGRAM (E21)



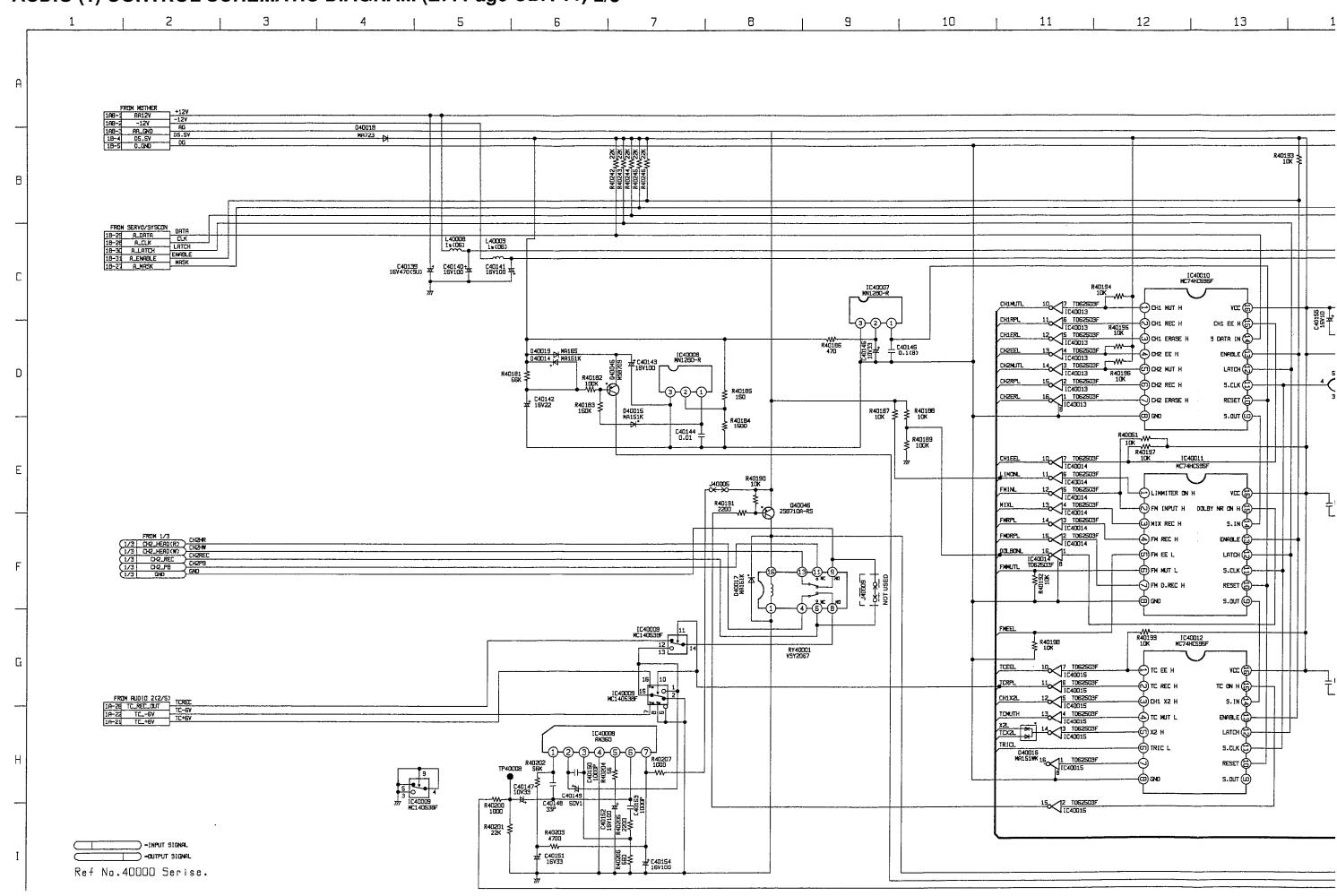


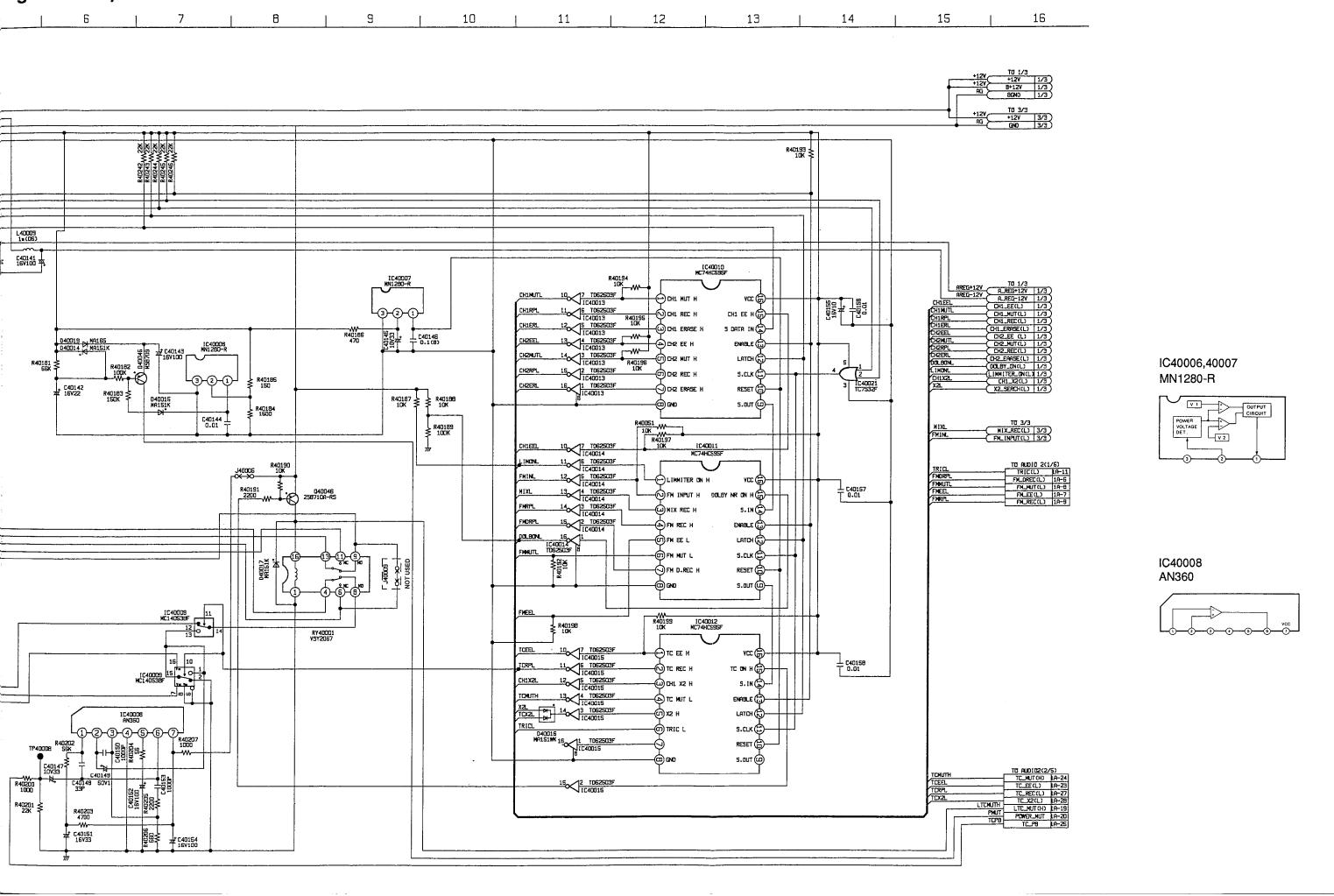
AUDIO (1) LINER SCHEMATIC DIAGRAM (E7: Page CBA-11) 1/3

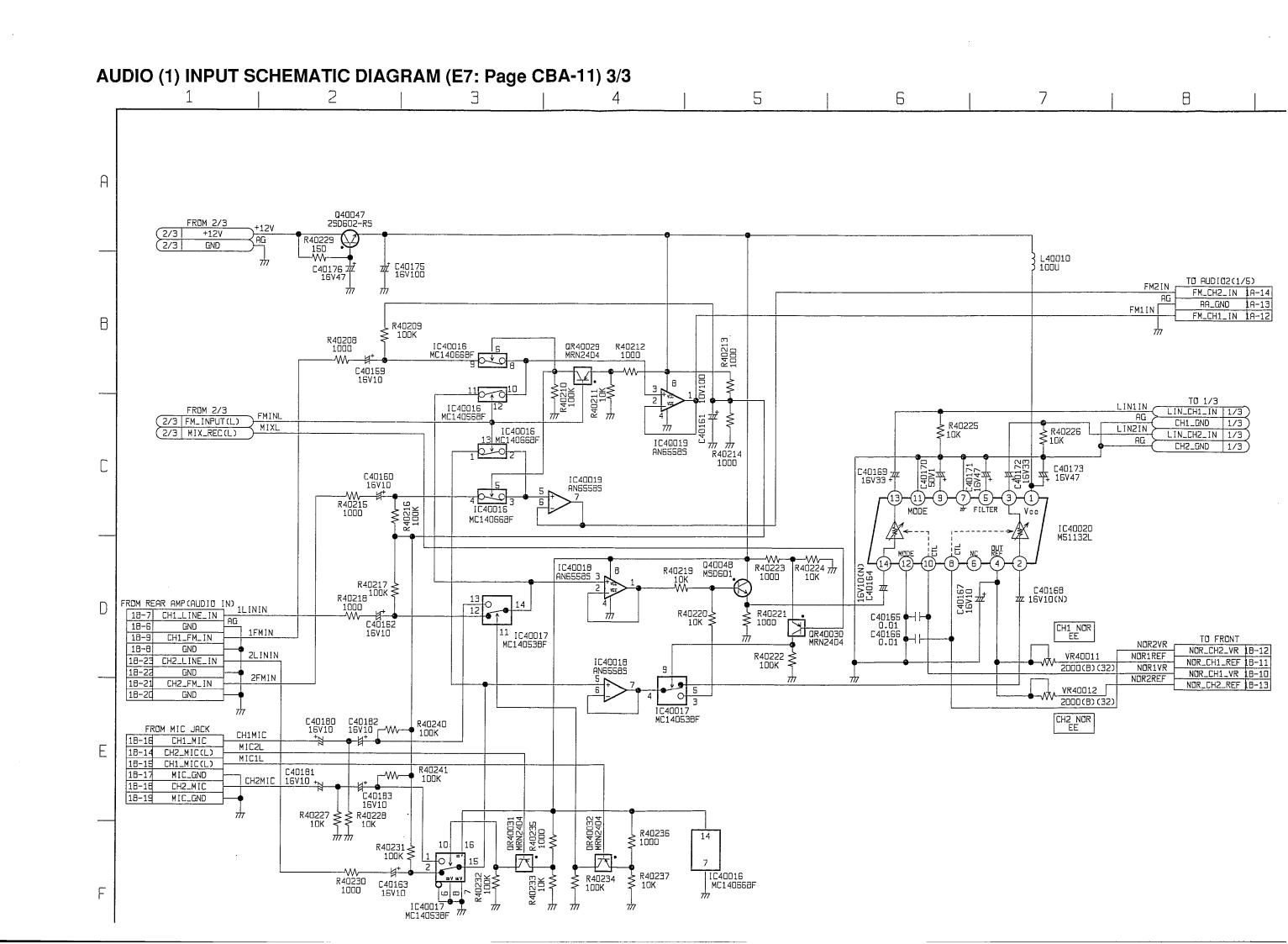




AUDIO (1) CONTROL SCHEMATIC DIAGRAM (E7: Page CBA-11) 2/3





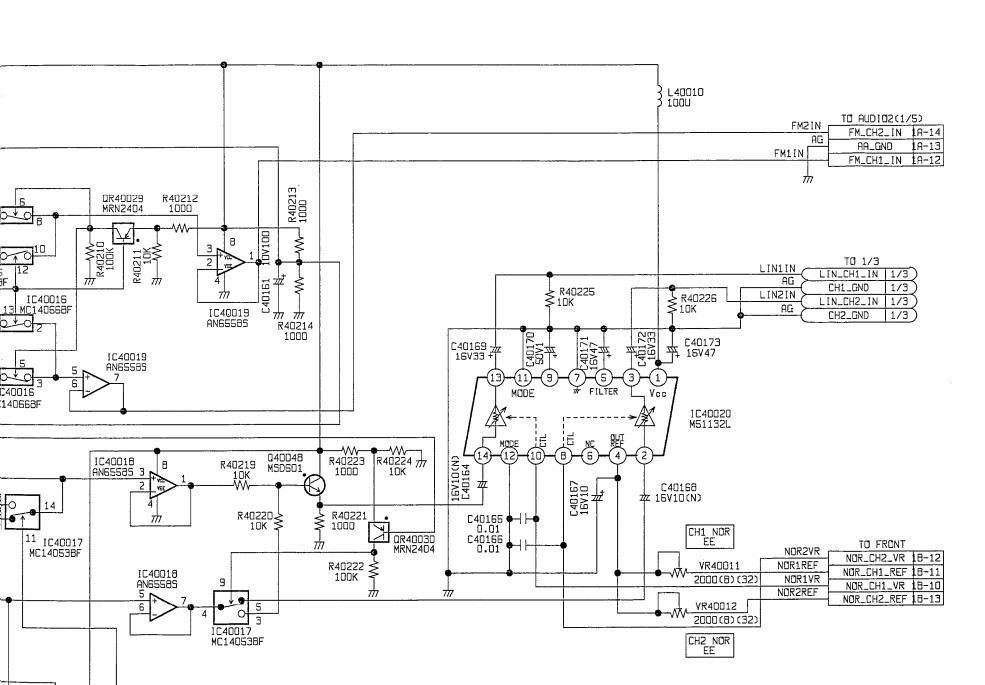


R40236 ≥ 1000

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₹40234 100K

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		P4000	34	_	
	1 A	Nο	1 B		
2/3 +12V	A12V	1	A12V	+12V	2/3
2/3 -12V	-12V	2	-12V	-12V	2/3
2/3 AG	AA. GND	3	AA_GND	AG AG	2/3
(2,3)		4	D5.5V	D5.5V	2/3
		5	D_GND	DG	2/3
Z/3 FMDRPL	FM_DREC(L)	6	GND	AG	3/3
Z/3 FMEEL	FM_EE(L)	7	CH1_LINE_IN	1LININ AG	3/3
2/3 FMMUIL	FM_MUT(L)	8	GND		3/3
2/3 FMRPL	FM_REC(L)	9	CH1_FM_IN	1FMIN NOR1VR	3/3
1/3 SCASH	S_CASS(H)	10	NOR_CH1_VR	11.2.1.2.1.1	3/3
TRICL	TRIC(L)	11	NOR_CH1_REF	NOR1REF NOR2VR	3/3
3/3 FMIIN	FM_CH1_IN	12	NOR_CH2_VR	NURZVK NORZREF	3/3
3/3 AG	AA_GND	13	NOR_CH2_REF	MICZL	3/3
3/3 FM2IN	FM_CH2_IN	14	CH2_MIC(L)	MIC1L	3/3
1/3 AG	LIN_CH1_GND	15	CH1_MIC(L)	CH1MIC	3/3
1/3 LINIUUI	LIN_CH1_OUT	16	CH1_MIC	AG CHIMIC	3/3
1/3 AG	LIN_CH2_GND	17	MIC_GND	CH2MIC	3/3
1/3 LIN2OUT	LIN_CH2_OUT	18	CH2_MIC	AG AG	E/E
2/3 LTCMUTH	LTC_MUT(H)	19	MIC_GND	AG AG	3/3
2/3 PMUT	POWER_MUT	20	GND	2FMIN	3/3
2/3 TC+6V	TC_+6V	21	CH2_FM_IN	AG	3/3
2/3 TC-6V	TC6V	22	GND	2LININ	3/3
2/3 TCEEL	TC_EE(L)	23	CH2_LINE_IN	ZLININ	3/3
2/3 TCMUTH	TC_MUT(H)	24			
2/3 TCPB	TC_P8	25			
2/3 TCREC	TC_REC_OUT	26		MASK	
2/3 TCRPL	TC_REC(L)	27	A_MASK	CLK	2/3
2/3	TC_X2(L)	28	A_CLK	DATA	2/3
		29	A_DATA	LATCH	2/3
		30	A_LATCH	ENABLE	2/3
		31	A_ENABLE		2/3
		32		1	

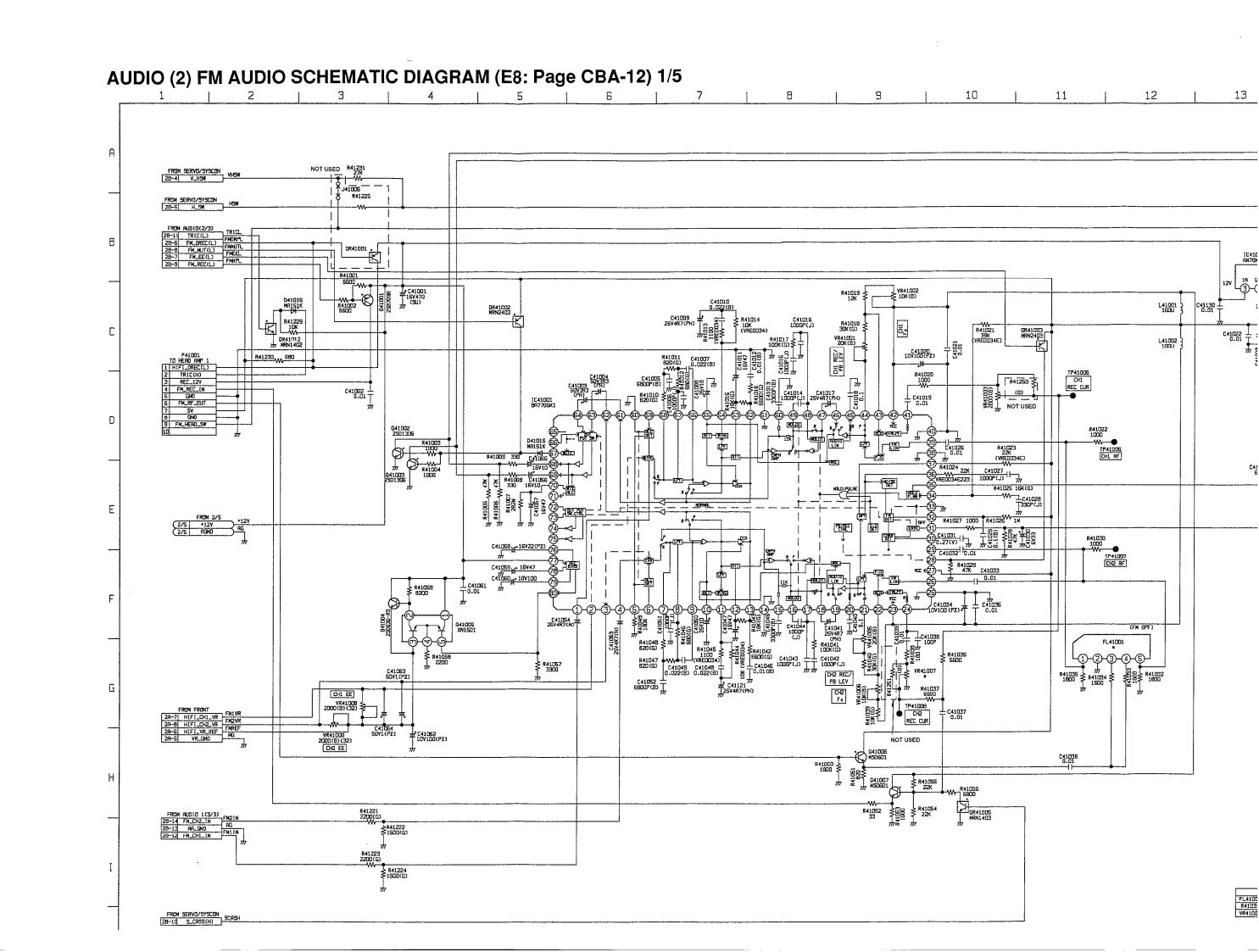
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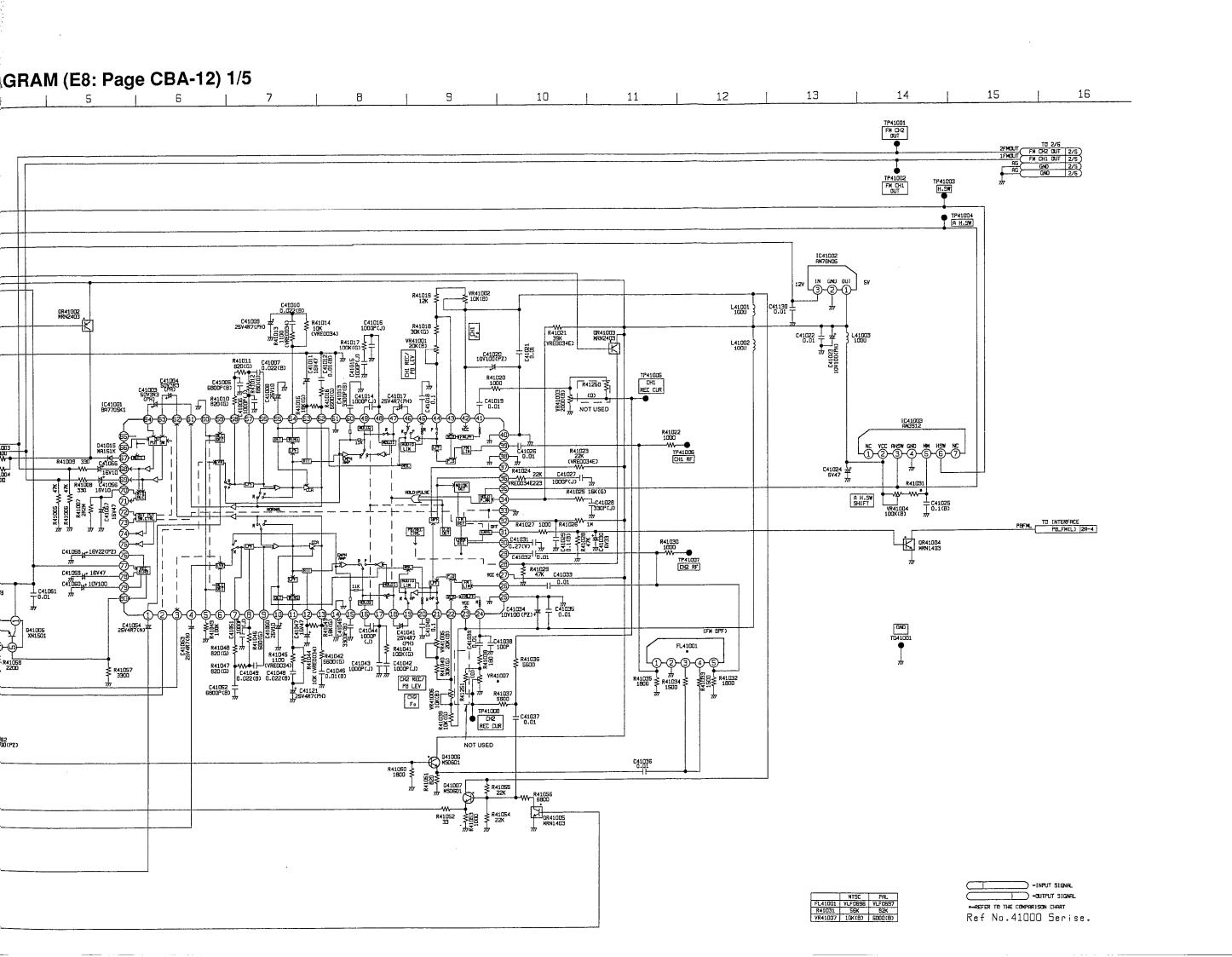
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11

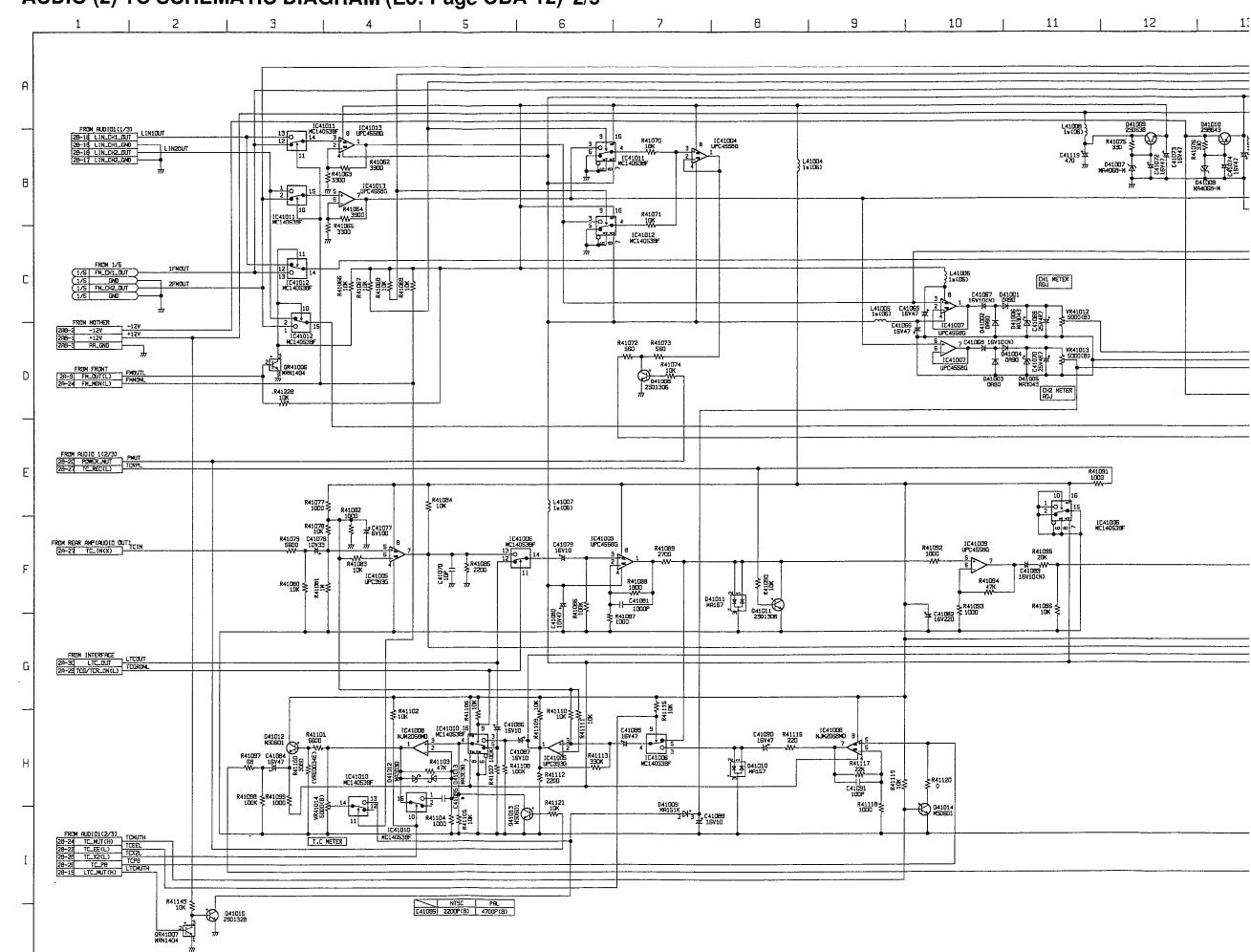
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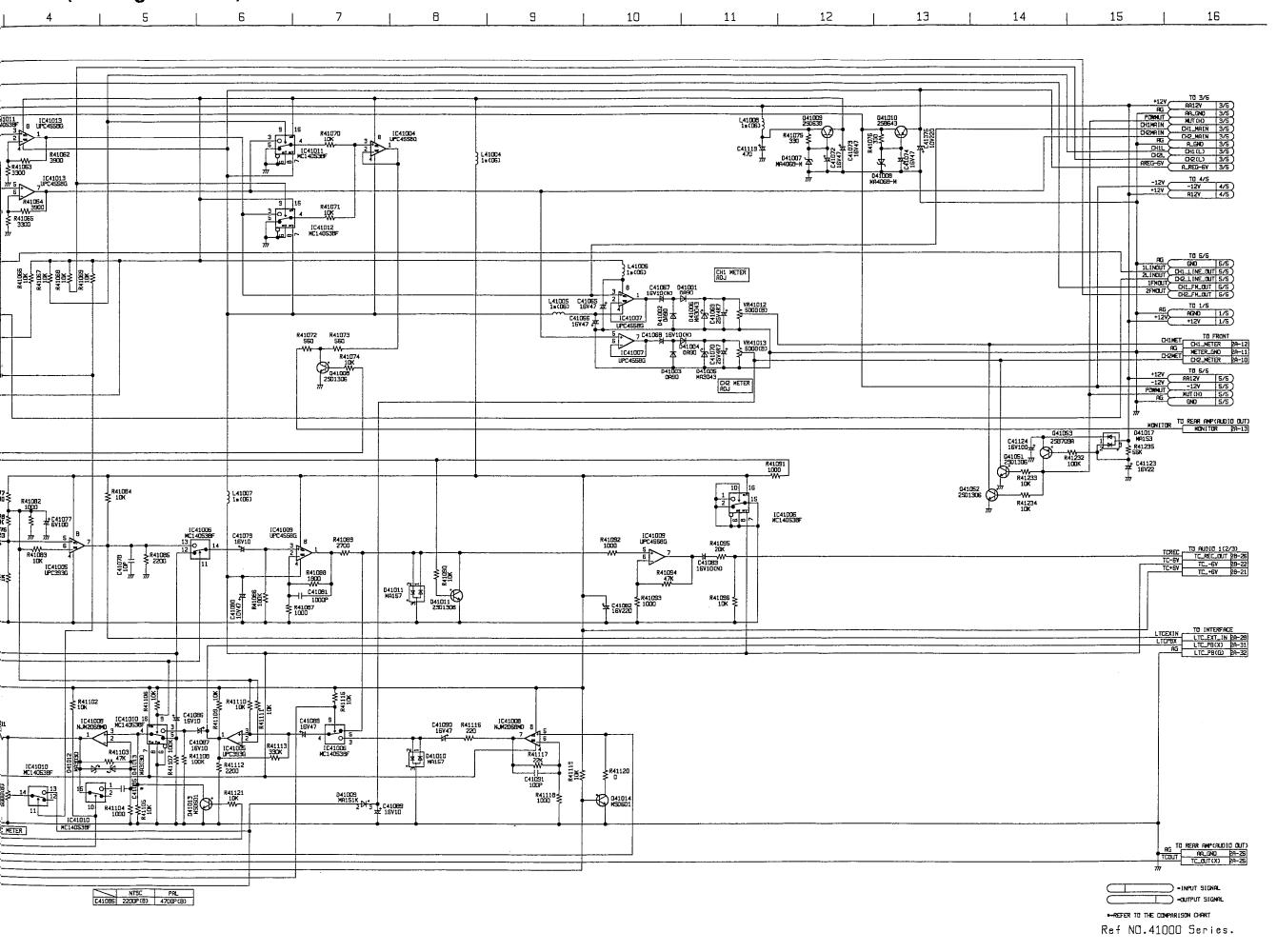
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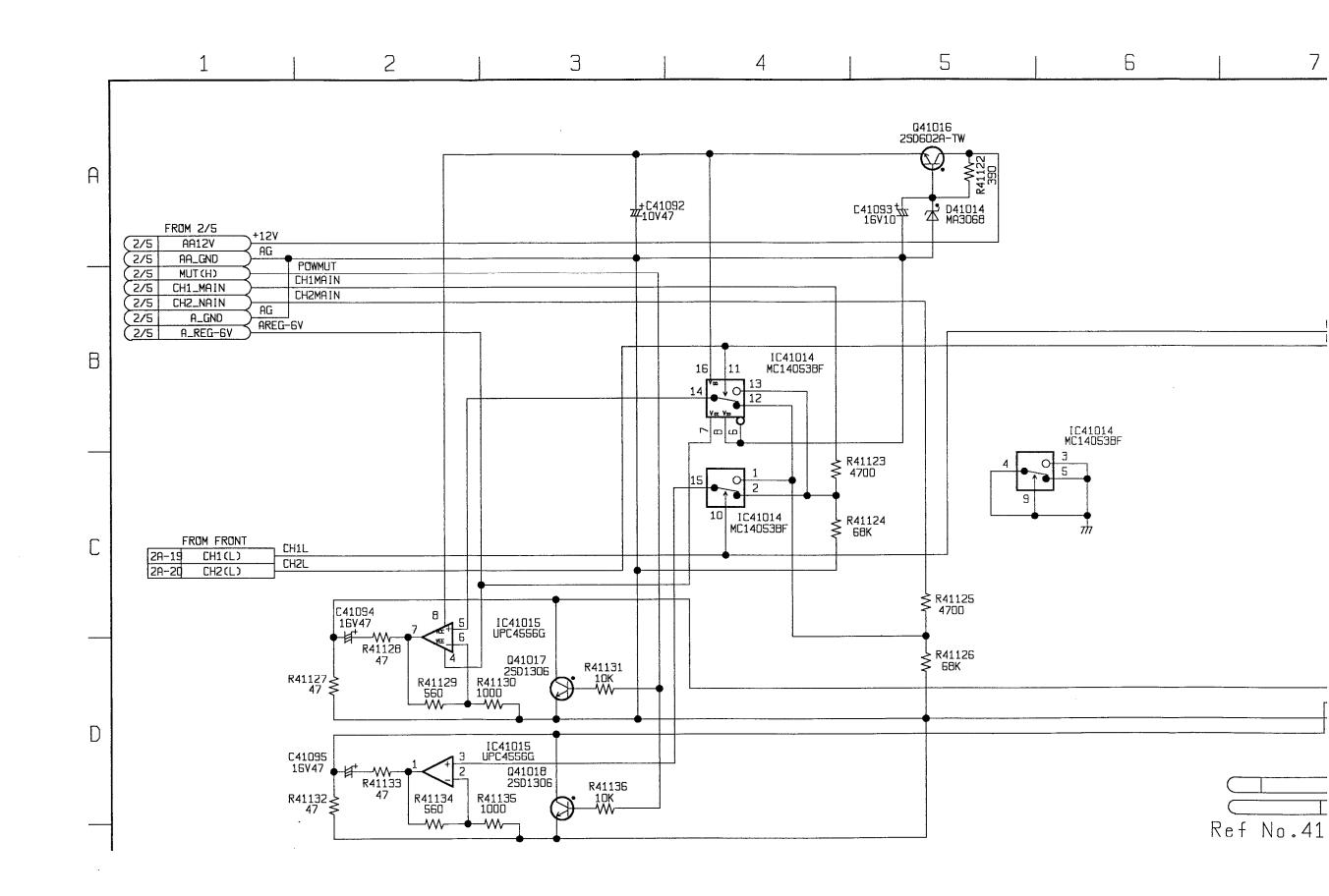


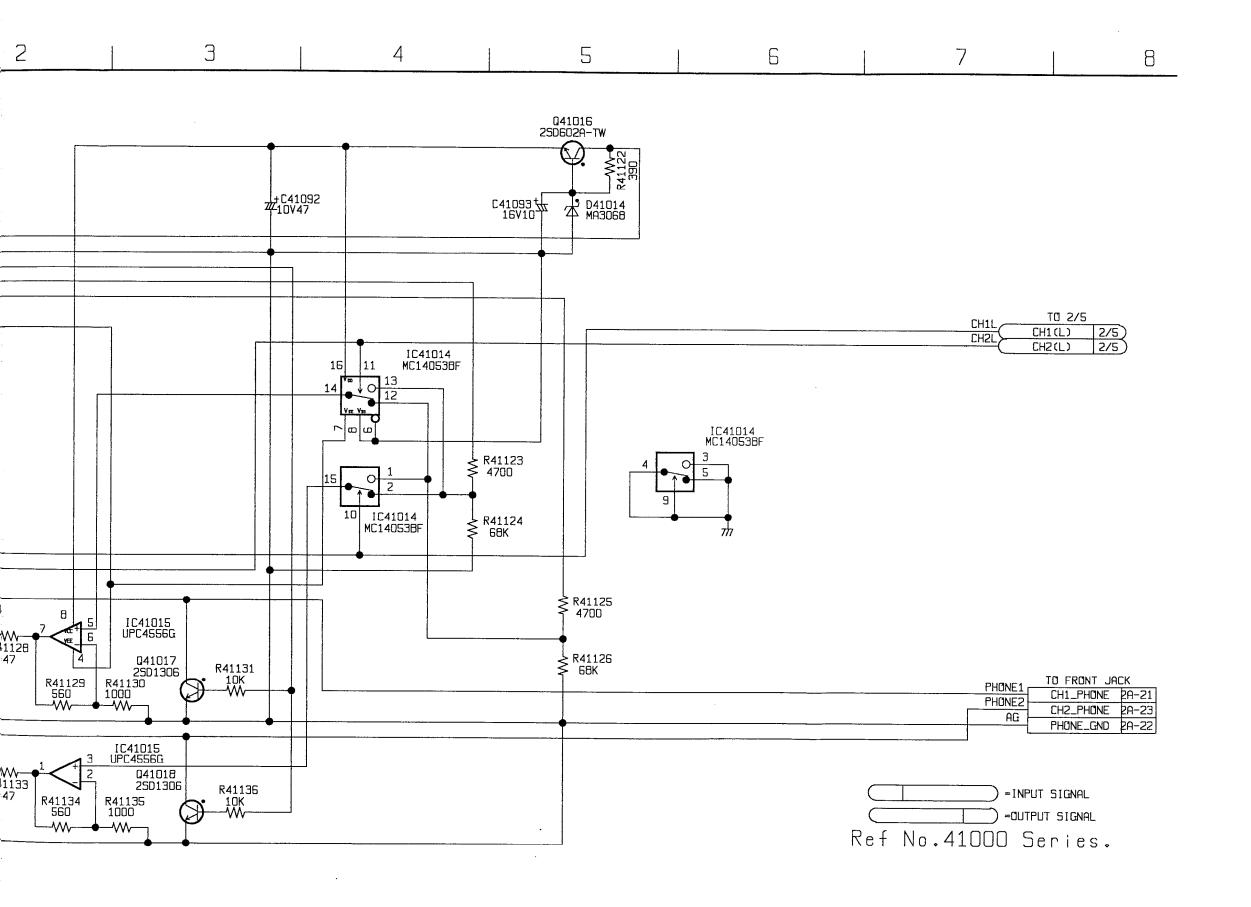
AUDIO (2) TC SCHEMATIC DIAGRAM (E8: Page CBA-12) 2/5

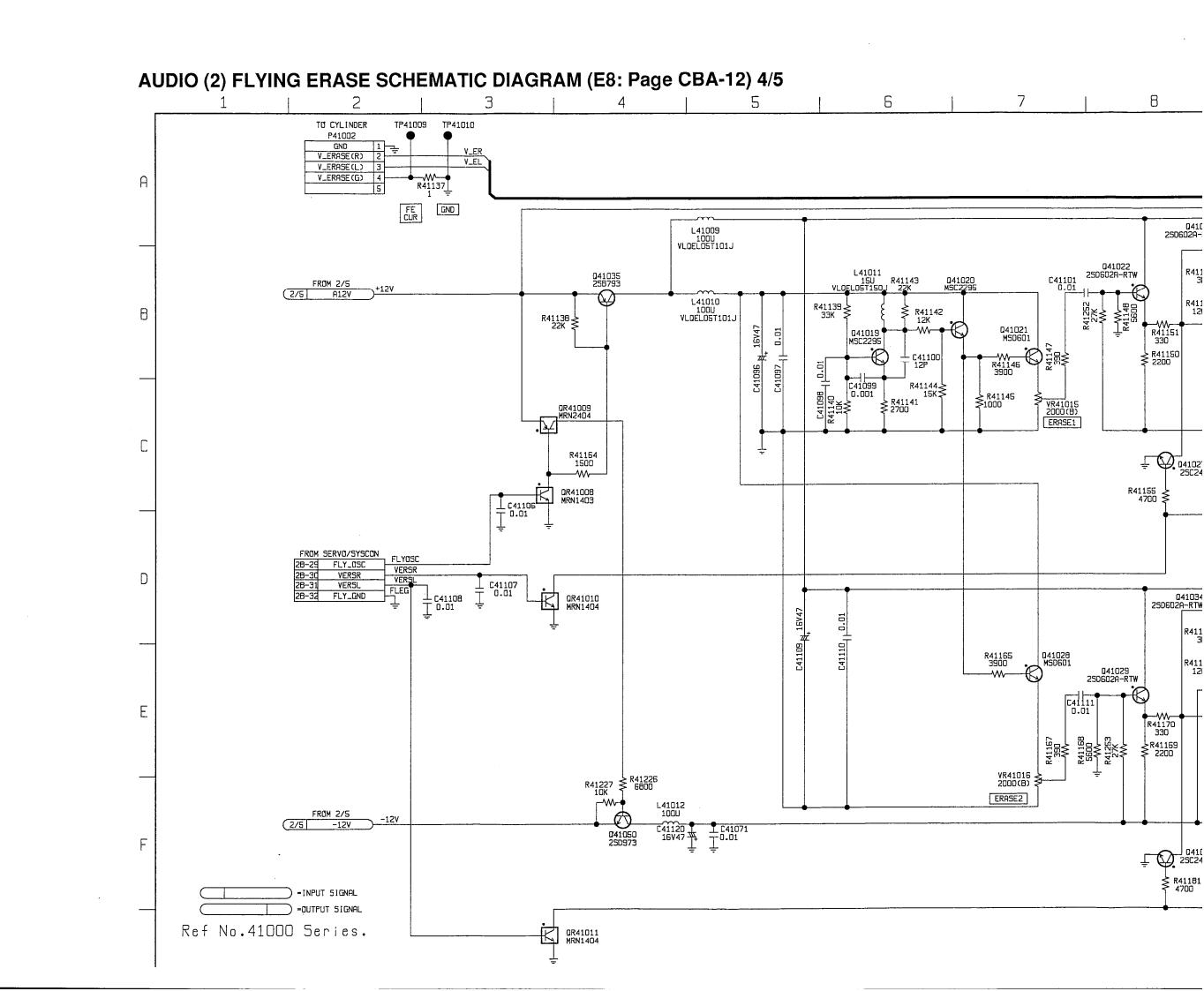


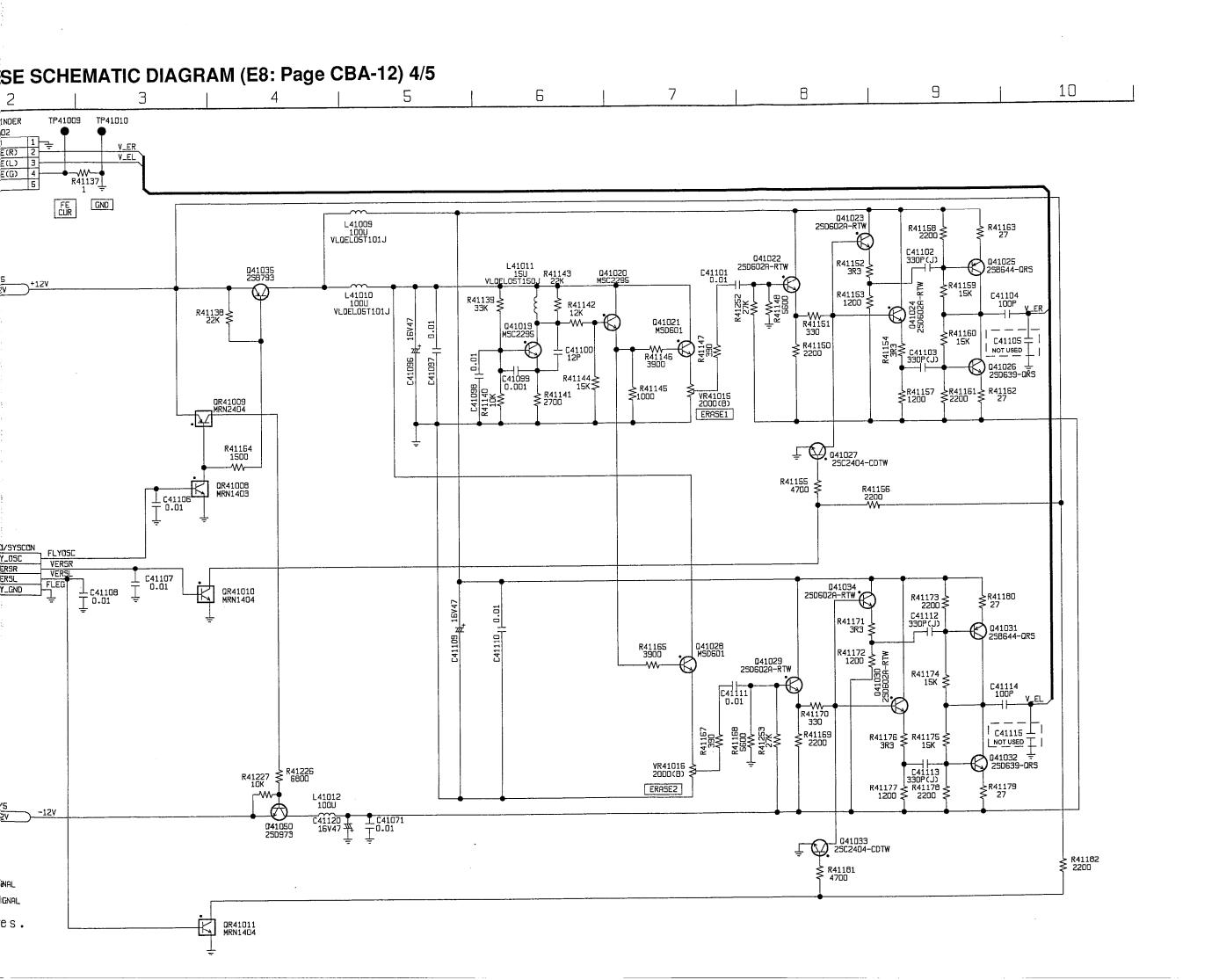


AUDIO (2) PHONE OUT SCHEMATIC DIAGRAM (E8: Page CBA-12) 3/5









AUDIO (2) OUT PUT SCHEMATIC DIAGRAM (E8: Page CBA-12) 5/5

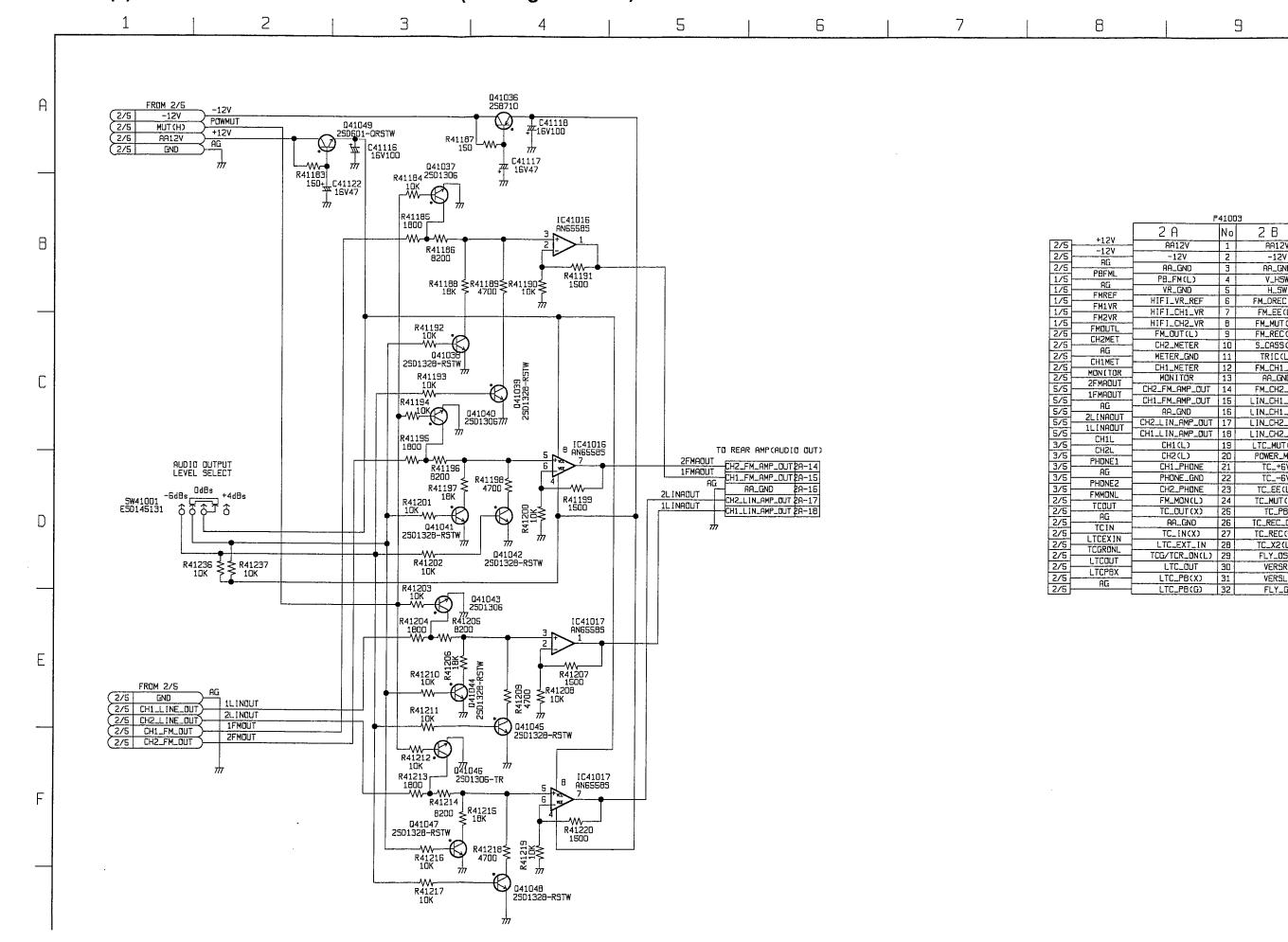
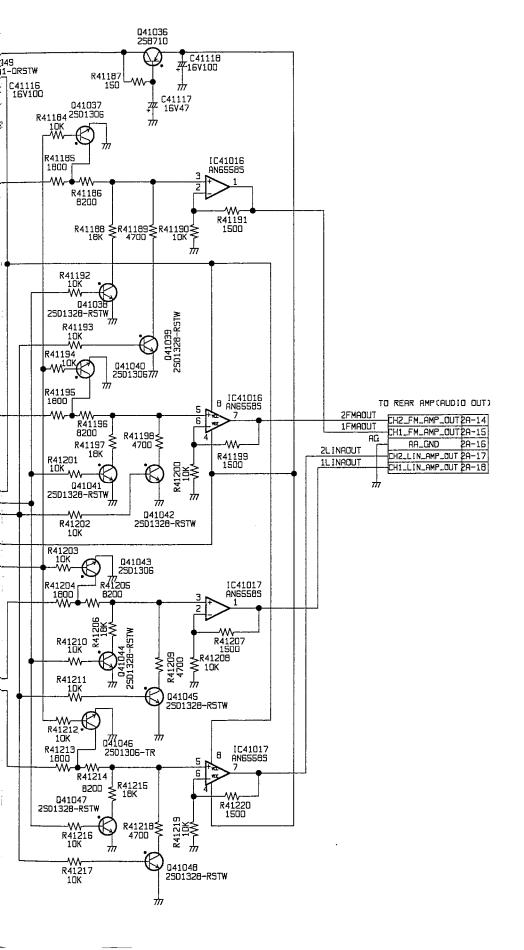


DIAGRAM (E8: Page CBA-12) 5/5

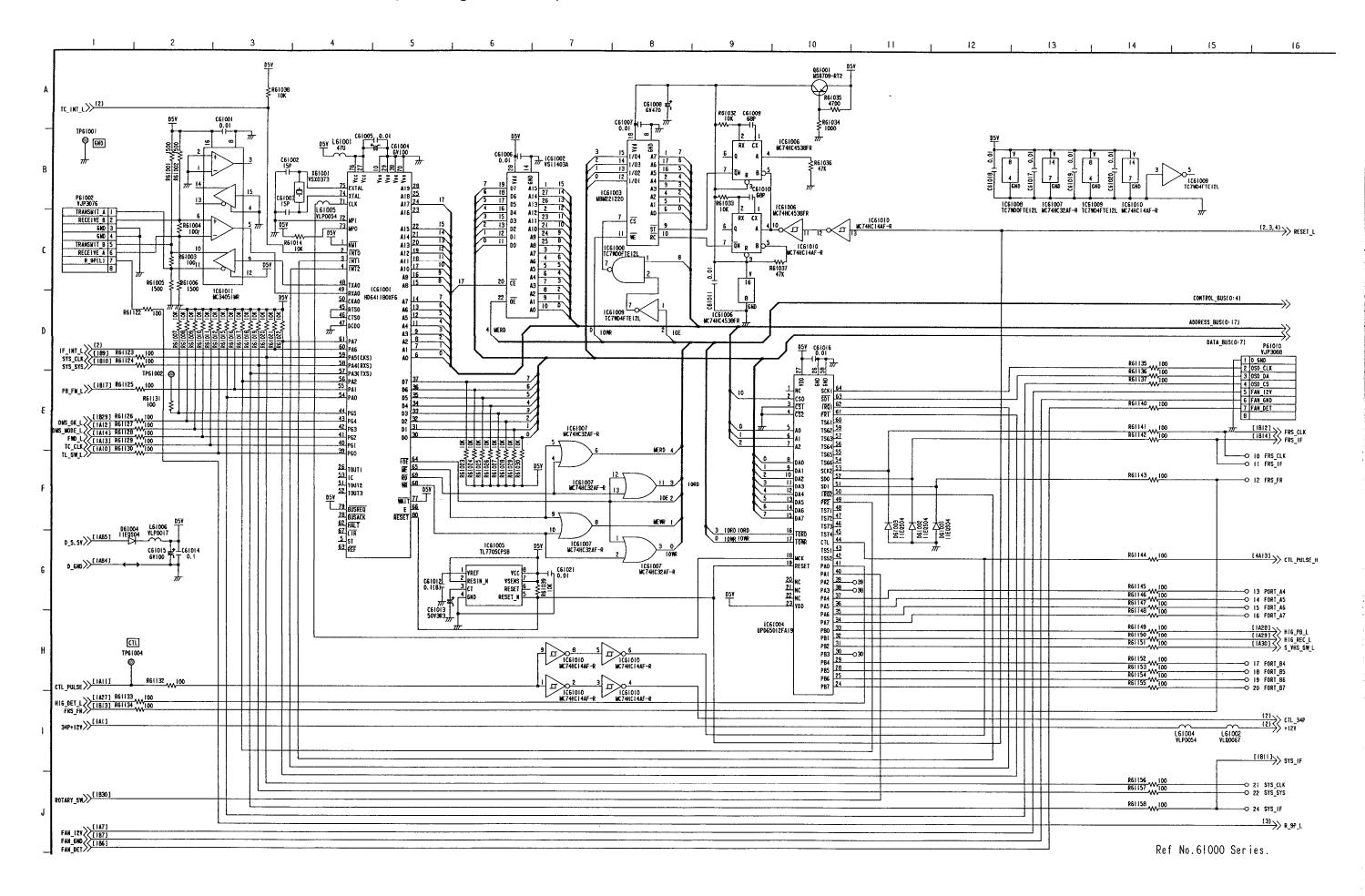
3	4	1 5	1 6	7	8	9	10	11
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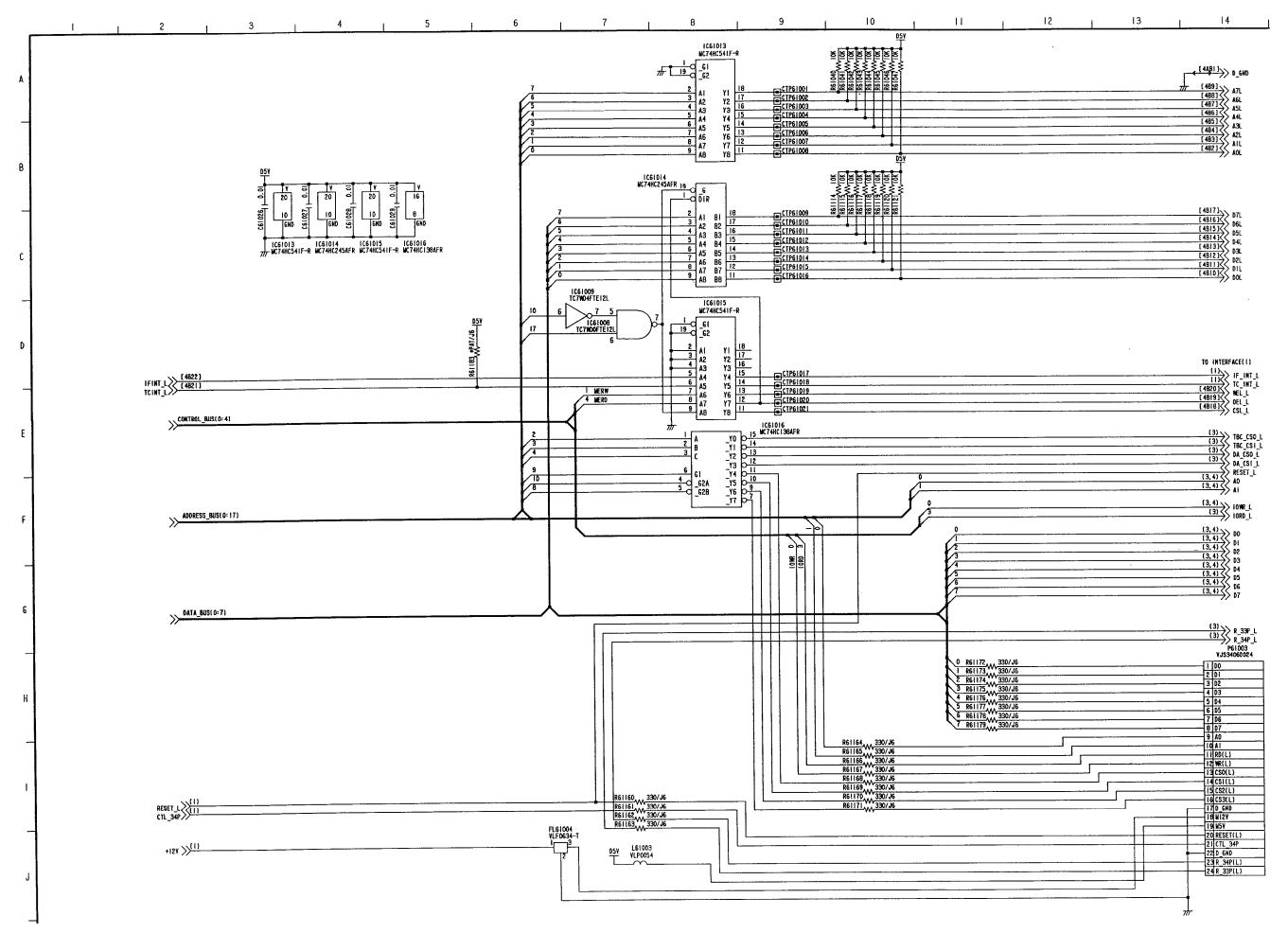


		P	4100	Э		
		2 A	Nο	2 B		
2/5	+12V	AA12V	1	AA12V	+12V -12V	2/5
2/5	-12V	-12V	2	-12V	AG AG	2/5
2/5	AG.	AA_GND	3	AA_GND	VHSW	2/5
1/5	PBFML	PB_FM(L)	4	V_HSW		1/5
1/5	AG	VR_GND	5	H_SW	HSW FMDRPL	1/5
1/5	FMREF	HIFI_VR_REF	6	FM_DREC(L)	FMEEL	1/5
1/5	FM1VR	HIFI_CH1_VR	7	FM_EE(L)		1/5
1/5	FM2VR	HIFI_CH2_VR	8	FM_MUT(L)	FMMUTL	1/5
2/5	FMOUTL	FM_OUT(L)	9	FM_REC(L)	FMRPL	1/5
2/5	CHZMET	CH2_METER	10	5_CASS(H)	SCASH	1/5
2/5	AG	METER_GND	11	TRIC(L)	TRICL	1/5
2/5	CH1MET	CH1_METER	12	FM_CH1_IN	FM1 IN	1/5
2/5	MONITOR	MONITOR	13	AA_GND	AG	1/5
5/5	2FMAQUT	CH2_FM_AMP_OUT	14	FM_CH2_IN	FM2IN	1/5
5/5	1FMAQUT	CH1_FM_AMP_OUT	15	LIN_CH1_GND	AG	2/5
5/5	AG	AA_GND	16	LIN_CH1_OUT	LINIOUT	2/5
5/5	2LINAOUT	CH2_LIN_AMP_OUT	17	LIN_CH2_GND	AG	2/5
5/5	1LINAOUT	CH1_LIN_AMP_OUT	18	LIN_CH2_OUT	L IN2OUT	2/5
3/5	CH1L_	CH1(L)	19	LTC_MUT(H)	LTCMUTH	2/5
3/5	CH2L	CH2(L)	20	POWER_MUT	PMUT	2/5
3/5	PHONE1	CH1_PHONE	21	TC_+6V	TC+6V	2/5
3/5	AG	PHONE_GND	22	TC6V	TC-6V	2/5
3/5	PHONE2	CH2_PHONE	23	TC_EE(L)	TCEEL	2/5
2/5	FMMONL	FM_MON(L)	24	TC_MUT(H)	TCMUTH	2/5
2/5	TCOUT	TC_OUT(X)	25	TC_PB	TCPB	2/5
2/5	AG	AA_GND	26	TC_REC_OUT	TCREC	2/5
2/5	TCIN	TE_IN(X)	27	TC_REC(L)	TCRPL	2/5
2/5	LTCEXIN	LTC_EXT_IN	ᆲ	TC_X2(L)	TCX2L	2/5
2/5	TCGRONL	TCG/TCR_ON(L)	29	FLY_05C	FLYDSC	4/5
2/5	LTCOUT	LTC_OUT	30	VERSR	VERSR	4/5
2/5	LTCP8X	LTC_PB(X)	31	VERSL	VERSL	4/5
	AG	LTC_PB(G)	32	FLY_GND	FLEG	4/5
2/5			ا عد ا	r L I LUNU		4/3

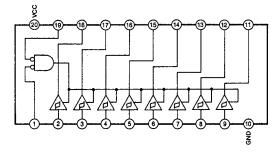
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-OUTPUT SIGNAL

Ref No.41000 Series.

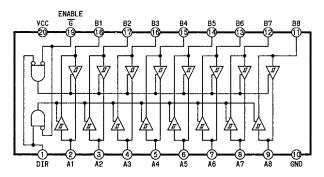




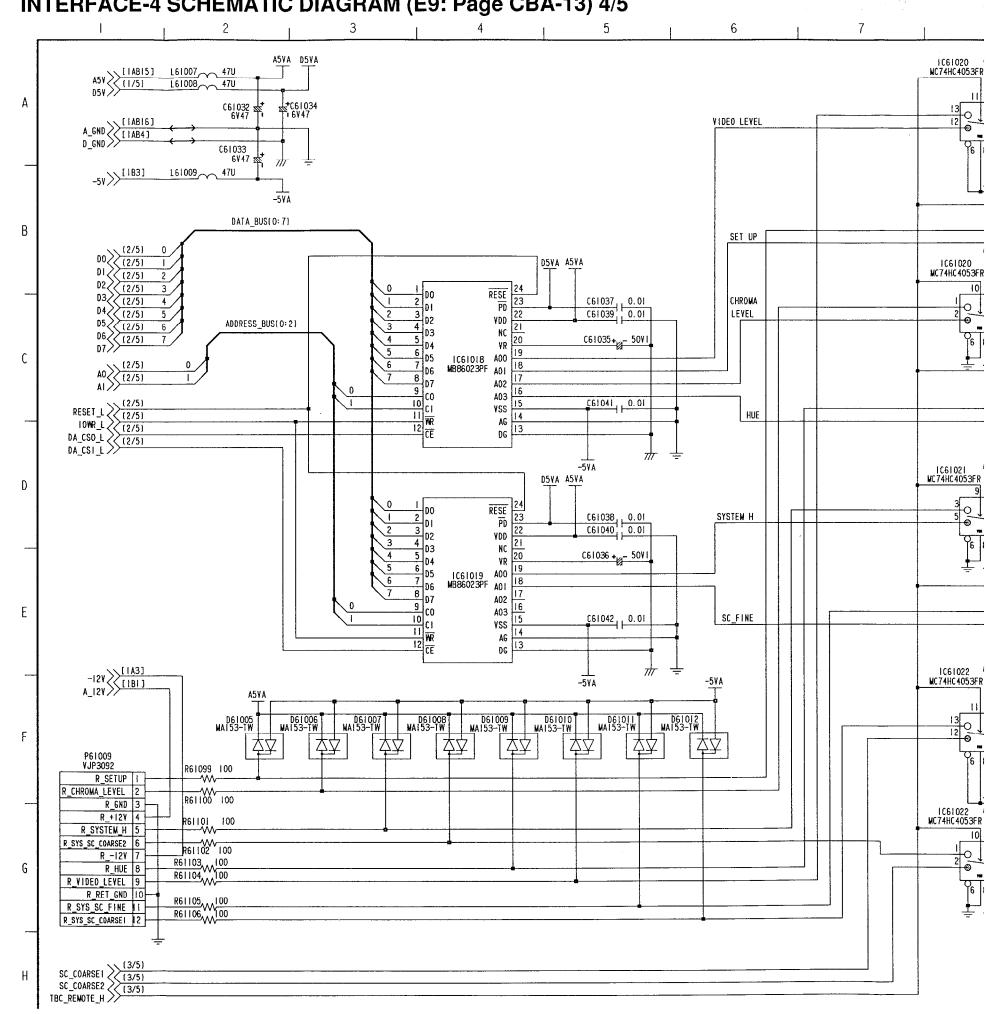
IC61013,61015 MC74HC541F-R



IC61014 MC74HC245AFR

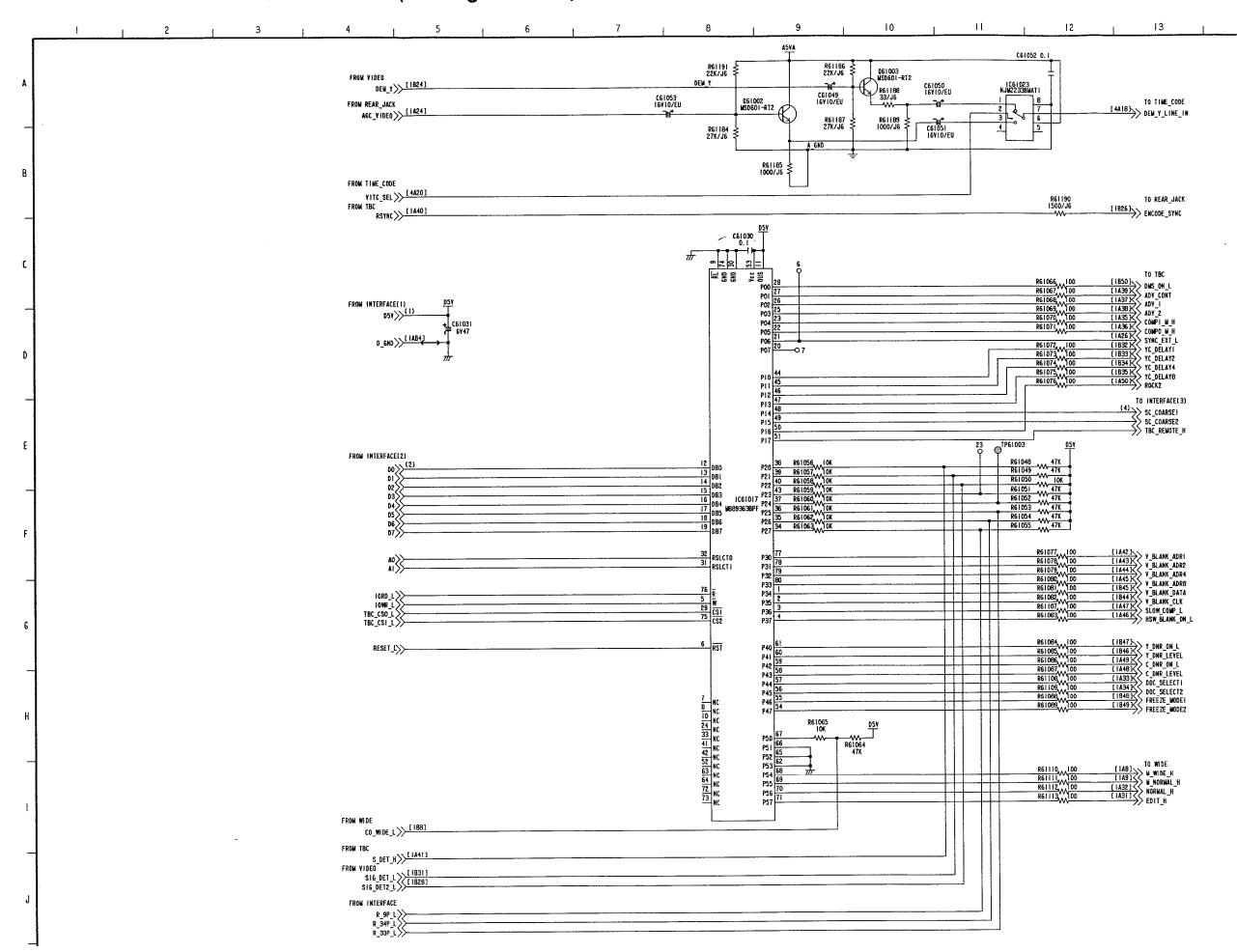


INTERFACE-4 SCHEMATIC DIAGRAM (E9: Page CBA-13) 4/5

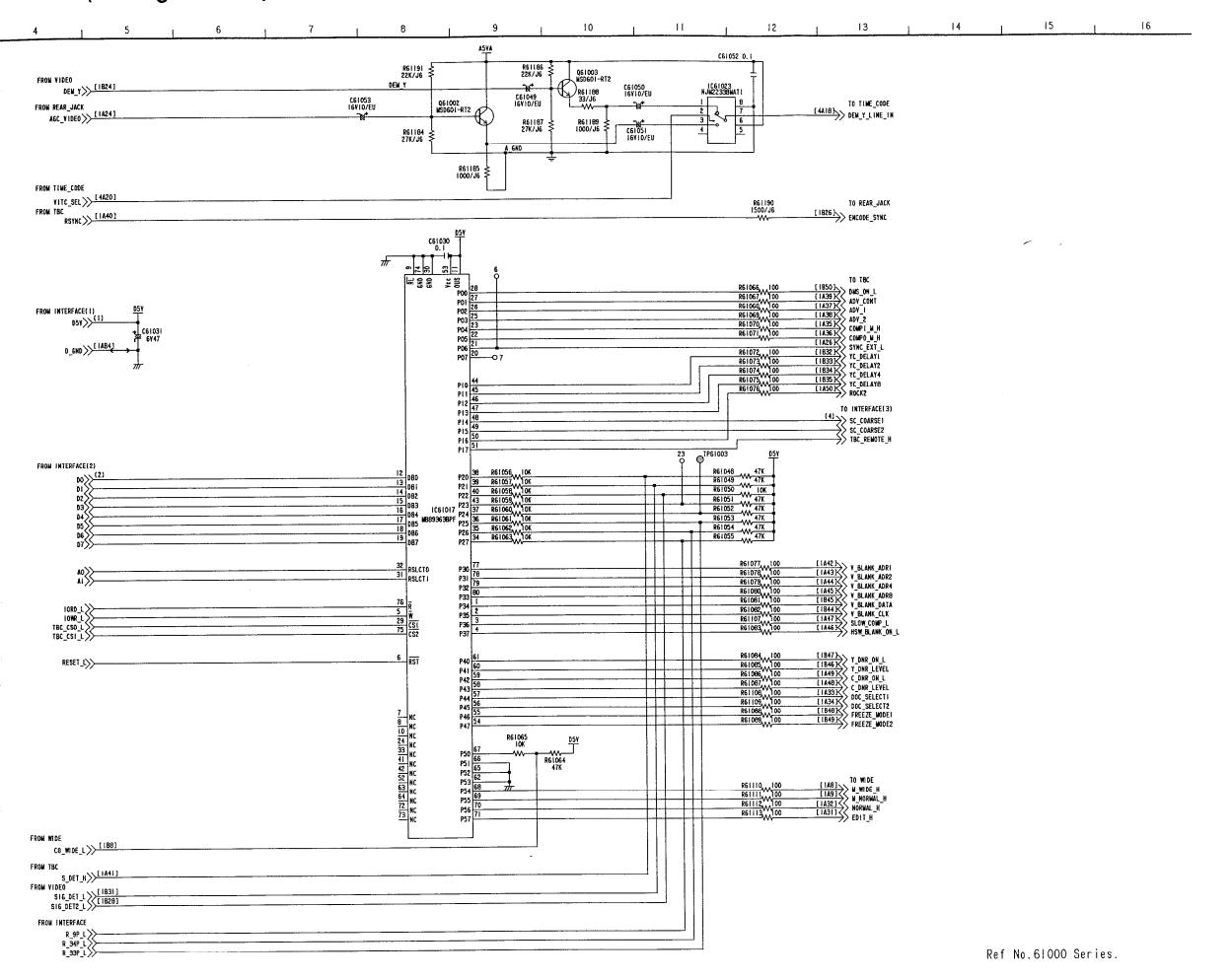


INTERFACE-4 SCHEMATIC DIAGRAM (E9: Page CBA-13) 4/5 6 8 9 10 11 1061020 A MC74HC4053FR A5Y \(\frac{\text{[1AB15]} \text{L61007} \text{47U}}{\text{L61008}} \(\frac{47U}{47U} \) A_GND [IAB16] D_GND R61180____100 VIDEO LEVEL C61033 6V47 🕸 -5VA DATA_BUS(0:7) В 4 R61181 SET UP 00 (2/5) 01 (2/5) 02 (2/5) 03 (2/5) 04 (2/5) 05 (2/5) 06 (2/5) 1C6 1020 6 8 7 MC74HC4053FR D5VA A5VA 1061020 MC74HC4053FR RESE PD 24 23 22 21 20 NC 20 C61037 | 0.01 C61039 | 0.01 CHROMA -5VA R61182₀₀₀100 LEVEL ADDRESS_BUS(0:2) C61035+_M- 50VI 1C61021 A5VA MC74HC4053FR T 1C61018 A00 18 MB86023PF A01 17 $\begin{array}{c} A0 \\ A1 \end{array} > \begin{array}{c} (2/5) \\ (2/5) \\ \end{array}$ A02 ⊥ c61045 T 0.01 A03 16 13 0 14 R61094 100 RESET_L (2/5) 10WR_L (2/5) DA_CSO_L (2/5) DA_CSI_L (2/5) C61041 0.01 VSS 15 | Columbia HUE DG 13 C61046 -5VA 0.01 1C61021 MC74HC4053FR D5VA A5VA RESE 23 PD 22 VDD 21 NC 20 VR 19 C61038 0.01 C61040 0.01 R61095____100 SYSTEM H C61036 + 50VI 1C61019 A00 19 18 17 A5VA A02 17 A03 16 15 R61096 15 R61096 1661021 MC74HC 4053FR 15 R61096 100 C61042 0.01 SC_FINE VSS -12V [181] A_12V 1C61022 A MC74HC4053FR -5VA -5VA C61047 D61009 MA153-TW D61010 MA153-TW R61097____100 女女 P61009 VJP3092 R61099 100 R_SETUP R_CHROMA_LEVEL R61100 100 R_GND 3 1C61022 A5YA MC74HC4053FR R +12V 4 Kel101 100 R_SYSTEM_H 5 R61102 100 R_SYS_SC_COARSE2 6 R_-12V 7 R61103 100 R61104 100 R61098 R_HUE 8 R_VIDEO_LEVEL 9 R_RET_GND 10 R_SYS_SC_FINE II 1C61022 MC74HC4053FR R_SYS_SC_COARSE1 12 SC_COARSE1 (3/5) SC_COARSE2 (3/5) TBC_REMOTE_H

INTERFACE-3 SCHEMATIC DIAGRAM (E9: Page CBA-13) 3/5



AGRAM (E9: Page CBA-13) 3/5



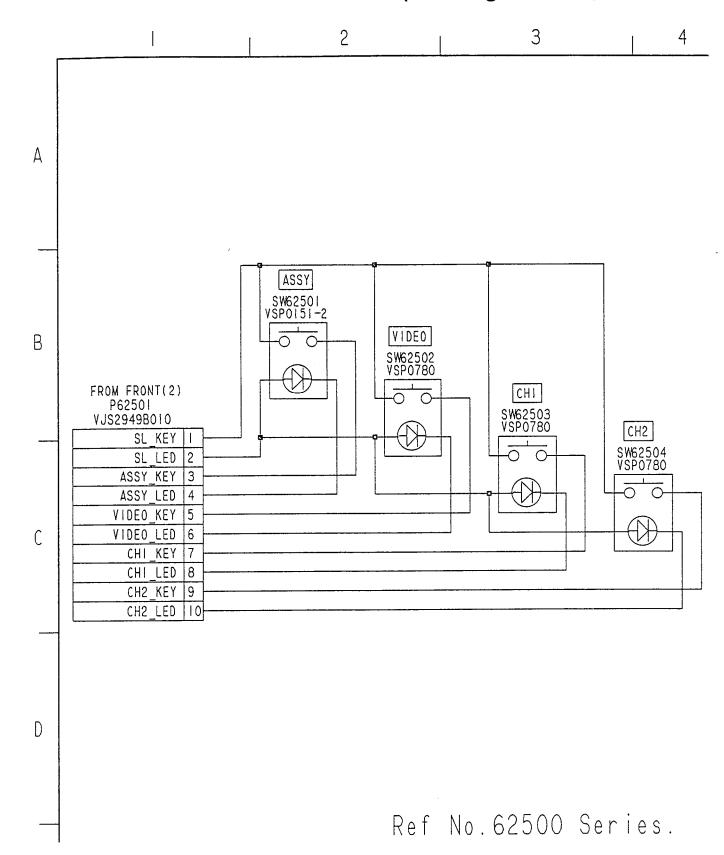
	P61001 VJP3176B100 A NO B		201004
34P+12V \(\sum_{(4)}^{(1)} \)	34P+12V A12V	$ \begin{array}{c} (4) \\ (4) \\ (4) \\ (4) \end{array} $ A_GND	P61004 YJS3505C060
A_GND (14) -12V (1,2,3,4,5)	A_GND 2 A_GND -12V 3 -5V		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
D_GND (1,2,3,4,3) D_5.5y	D_GND 4 D_GND D_5.5V 5 D_5.5V	(1,2,3,4,5) D_GND (1) D_5.5Y FAN_DET	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	6 FAN_DET	(1) S FAN_DET	DMS_MODE_L \(\frac{1}{12} \) DMS_MODE(L) 4 A2L \(\frac{12}{12} \) A2L
FAN_12V (1) M_WIDE_H (3)	FAN_12V 7 FAN_GND	(3) CO WIDE I	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
M_NORMAL_H	M_NORMAL(H) 9 SYS_CLK	SYS_CLK	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
M_NORMAL_H (1) TL_SW_L (1) CTL_PULSE (1,5) DMS_MODE_L (1,5) TC_CLK (1,5)	TL_SW(L)	 	$\frac{106-108-001}{106-108-001} \frac{106/108-001}{106/108-001} $
$\frac{\text{DMS}_{\text{MODE}}}{\text{DMS}_{\text{MODE}}} \times \frac{(1.5)}{(1.5)}$	DMS_MODE(L) 12 FRS_CLK	(1) SYS_IF (1) FRS_CLK	LTC_PB_X LTC_PB_G (5) LTC_PB(S) LTC_PB(G) LTC_PB(G
TC_CLK (1,5) FWD_L (4)	TC_CLK 13 FRS_FR FWO(L) 14 FRS_IF	(1) FRS_FR FRS_IF	REC HSS (5) REC HSS 12 DZL DZL DZL
A5V (4,5)	A5V 15 A5V A GND A GND	A5V	A GND (CE) A GND [13] D3L > D3L
A bNU \ (E)	LTC_EXT_IN I7 PB_FM(L)	(4,5) A_GND (1) PB_FM_L	VITC_REC
A_GND (5)	A_GND	(5) A_GND	
LTC_EXT_IN (5) A_GND (5) TCG_TCR_ON_L (5) REC_HSS (5)	REC_HSS 20 LTC_PB(X)	(5) A_GND (5) LTC_OUT LTC_PB_X (5) LTC_PB_C	DEM_Y_LINE_IN
A GND (E)		(5) LTC_PB_G	A_GND
VITC_MUT (5) A_GND (5)	A_GND 23 A_GND	(5) A_GND DEM_Y	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
ΔΙ ₂ [V [[[Ε]]]]	AGC_VIDEO	(3) A CND	VIIC MOI 16 D6L (2) D7L
A_GND (3) SYNC_EXT_L (1) HIG_DET_L (1) HIG_PB_L (1) HIG_REC_L (1)	SYNC_EXTIL)	(5) ENCODE_SYNC	207104 244 >>(5)
HIG DET_L HIG PB L	HIG_PB(L) 28 SIG_DET2(L)	(3) A_GND (1,5) SIG_DET2_L	A_GND $\langle C_1 \rangle$ $\langle C_2 \rangle$ $\langle C_3 \rangle$ $\langle C_4 \rangle$ $\langle C_5 $
HIG_REC_L	HIG_REC(L) 29 DMS_OK(L) S_VHS_SWL) 30 ROTARY_SW	(5) DMS_DN_L POTARY SW	A_GND
S_YHS_SW_L (3) EDIT_H (3)	EDIT(H) 31 SIG_DET(L)	SIG_DET_L	D5V 29 D5V D5V
NORMAL_H <<(3)	NORMAL(H) 32 YC_DELAY1 DOC_SELECT1 33 YC_DELAY2	TO DELAY!	D5V 30 D5V D5V
DOC_SELECT2 (3)	DOC_SELECT2 34 YC_DELAY4	(3) YC_DELAY2 (3) YC_DELAY4	
COMPI_M_H > (3)	COMPI_M(H) 35 YC_DELAY8 COMPO_M(H) 36 VIDEO_LEVEL	YC_DELAY8 (4) VIDEO_LEVEL	
ADV_1 \(\sqrt{(3)} \)	ADV_1 37 SETUP ADV_2 38 CHROMA_LEVEL	(4) SETUP (4) CHROMA_LEVEL	
$\begin{array}{c} ADV_2 \\ ADV CONT \\ & 13.51 \end{array}$	ADV_CONT 39 HUE	HUE	
DDC_SELECTI (3) DDC_SELECT2 (3) COMPI_M_H (3) ADV_1 (3) ADV_2 (3) ADV_CONT (3,5) RSYNC (3) S_DET_H (3) V_BLANK_ADR1 (3) V_BLANK_ADR2 (3) V_BLANK_ADR4 (3) V_BLANK_ADR4 (3) V_BLANK_ADR8 (3) HSW_BLANK_ON_L (3) SLOW_COMP_L (3) C_DNR_LEVEL (3)	RSYNC 40 SYSTEM_H	(4) SYS SC FINE	
V_BLANK_ADRI	V_BLANK_ADRI 42 SYS_SC_COARSEI	SYS_SC_COARSEI	
V_BLANK_ADR2	V_BLANK_ADR2 43 SYS_SC_COARSE2 V_BLANK_ADR4 44 V_BLANK_CLK	(3) SYS_SC_CDARSE2	
V_BLANK_ADR8 \(\langle \frac{(3)}{(3)}	V_BLANK_ADR8 45 V_BLANK_DATA	V_BLANK_DATA	
HSW_BLANK_ON_L	HSW_BLANK_ON(L) 46 Y_DNR_LEVEL SLOW_COMP(L) 47 Y_DNR_ON(L)	(3) Y DNR ON 1	
C_DNR_LEVEL \(\sigma_{(3)}\)	C_DNR_LEVEL 48 FREEZE_MODEI	FREEZE_MODEI	
C_DNR_ON_L (3) ROCK2	C_DNR_ON(L) 49 FREEZE_MODE2 ROCK2 50 DMS_ON(L)	FREEZE_MODE2 13) OMS_ON_L	

5	₁ 6	.	7	8	1	9	1	10	1

[4]	A_12V
(4) <<	A GND
(4) <<	-5¥
(1,2,3,4,5)	D GND
(1)<<	D 5.5Y
(1)<<	FAN DET
(1)<<	FAN GND
(3) <<	-
11) <<	CO_WIDE_L
111	SYS_CLK
(1)//	SYS_SYS
(11)	SYS_IF
111	FRS_CLK
(1)//	FRS_FR
(4)	FRS_IF
[4,5]	A5V
(1)<	A_GND
(5)<	PB_FM_L
(5)	A_GND
(5)	LTC_OUT
(5) <	LTC_PB_X
(5)	LTC_PB_G
(5)	VITC_REC
(5)	A_GND
(5) <<	DEM_Y
(3)	A_GND
(5)	ENCODE_SYNC
131	A_GND
(1,5)	SIG_DET2_L
(5)	DMS_OK_L
(3) <<	ROTARY_SW
(3)	SIG_DET_L
(3)	YC_DELAY1
(3)	YC_DELAY2 YC_DELAY4
(3)	
(4)	YC_DELAY8
(4)	VIDEO_LEVEL SETUP
(4)	CHROMA LEVEL
[4]	-
(4)	HUE
[4]	SYSTEM_H
(4)	SYS_SC_FINE
[4]	SYS_SC_COARSE1 SYS_SC_COARSE2
131	919 9C COAKSES
(3)	Y_BLANK_CLK
(3)	Y_BLANK_DATA
(3)	Y_DNR_LEVEL
(3)	Y_DNR_ON_L
(3)	FREEZE_MODEI
(3)	FREEZE_MODE2
	DMS_ON_L

			61004 5050		
		A	NO	В	
D_GND	((12)	D GND		D GND	(2) D GND
FWD L	>(5)	FWD(L)	2	AOL	12) × AŌL
TC_CLK	>(5)	TC CLK	3	ALL	121 S A11
DMS MODE L	(5)	DMS MODE(L)	4	A2L	(2) \\ A2!
A_GND	>(5)	A GND	5	A3L	(2) A3L
LTC_EXT_IN	>(5)	LTC EXT IN	6	A4L	(2) A4L
A_GND	>(5)	A GND	7	A5L	(2) SA5L
TCG TCR ON L	<u>>>(5)</u>	TCG/TCR ON(L)	8	A6L	121
LTC OUT	<u> </u>	LTC OUT	9	A7L	121 S A7L
LTC PB X	((5)	LTC PB(X)	10	DOL	121 S DOL
LTC PB 6	>>(5)	LTC PB(6)	111	DIL	(2) SDIL
REC HSS	>>(5)	REC HSS	12	D2L	(2) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
A_GND	>(5)	A GND	13	D3L	[2] S D3I
VITC_REC	(5)	VITC REC	14	D4L	(2) S D4I
A_GND	(5)	A GND	15	D5L	(2) \ 051
VITC MUT	(5)	VITC_MUT	16	D6L	151 \ 151
A GND	((5)	A GND	17	D7L	121 55 071
DEM Y LINE_IN	>>(5)	DEM Y/LINE IN	18	CSL(L)	(2) S (S) 1
A_GND	>>(5)	A GND	19	OEL(L)	(2) OFI 1
VITC_SEL	>>(5)	VITC SEL	20	WEL(L)	121 S WEI 1
A_GND	> (5)	A GND	21	TCINT(L)	(S) (TCINT)
RSYNC	>>(5)	RSYNC	22	IFINT(L)	(2) >> IFINT I
A GND	>>(5)	A SND	23	CTL PULSE	CTL_PULSE_F
DIMS OK L	>>(5)	DWS OK(L)	24		1
ROTARY SW	>> (5)	ROTARY SW	25		
A_GND	>(5)	A GND	26	A GND	(5) A 6ND
A GND	> (5)	A GND	27	A GND	15JS A GND
A5Y	>>(1)	A5V	28	A5V	(1) SA5V
D5V	>>(1)	D5V	29	D5Y	1135 D5V
D5V	>>(1)	D5V	30	D5Y	(1) D5V
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FRONT LED SCHEMATIC DIAGRAM (E17: Page CBA-14)



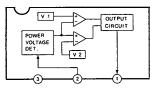
FRONT-1 SCHEMATIC DIAGRAM (E16: Page CBA-14) 1/4 11 12 TO MOTHER P62004 VJP3152 --_HEATER 2 +_HEATER 3 D62001 +5V +PAT (11E0S04) 200 D62036 235 MATO1A-TW 7// A12V 6 D5.5V 7 FRS_CLK 8 FRS_FR 9 FRS_IF 10 Q62001 •PAT (258642) R62002 | •PAT/JI4 ≥ +<u>12¥</u> D62003 *PAT (MA700) + C62002 16V47 D62023 7// MA153-TW D62004 7 62006 •PAT •PAT (MA4300-L) (50722) KEY_IN(0:7) FROM FRONT(2) KEY IN(0:7) KEY_IN(0:7)>>> TP62003 J62007 0/J6 FROM FRONT(3) s_vhs_H>>-{3} D1AL_IN(0:6) R62095 \$ \$ R62096 10K/J6 \$ \$ 10K/J6 C62009 C62007 : 1C62002 UPC39362-T1 6 R62094 7// 11 Street | 10 Str R62025 470/J6 6 R62026 10K/J6 5 R62027 0K/J6 4 R62028 0K/J6 3 R62029 0K/J6 GR1D(0:9) C62011 TP62009 @-TP62010 @-TP62011 @-TP62012 @-QR62001 Mrn 1 404 Te65 R PH3/T10/S15/P153 PH2/T11/S14/P152 2/TI1/S14/PI52 36 1/TI2/S13/PI51 35 0/TI3/S12/PI50 34 T14/S11/PI43 33 T15/S10/PI42 32 PHI/T12/S13/P151 PHO/T13/S12/P150 R62033 R62034 R62035 R62036 R62036 TP662001TP VLOAD 31 VDD 30 S9/P141 29 S8/P140 28 Ø +5¥ S7/P133 +5V L62001 C62013 1000 100220 J62003 •PAT/J6 (0/J6) J62002 → •PAT/J6 J62001 → •PAT/J6 R62041 3900/J6 \$ 100P L060 ## D62028 ## SECOND | SECOND R62046 47K/J6 R62047 7K/J6 R62048 7K/J6 R62049 7K/J6 SEGMENT(0:9) 授給が TP62006 TP62008 TP62007 TP62005 ₹ R62110 22K/J6 J62006 +PAT/J6 R62103 10K/J6 FROM FRONT(3) PICT_VR>> [3] LED_OUT(0:3)

*=REFER TO THE COMPARISON CHART

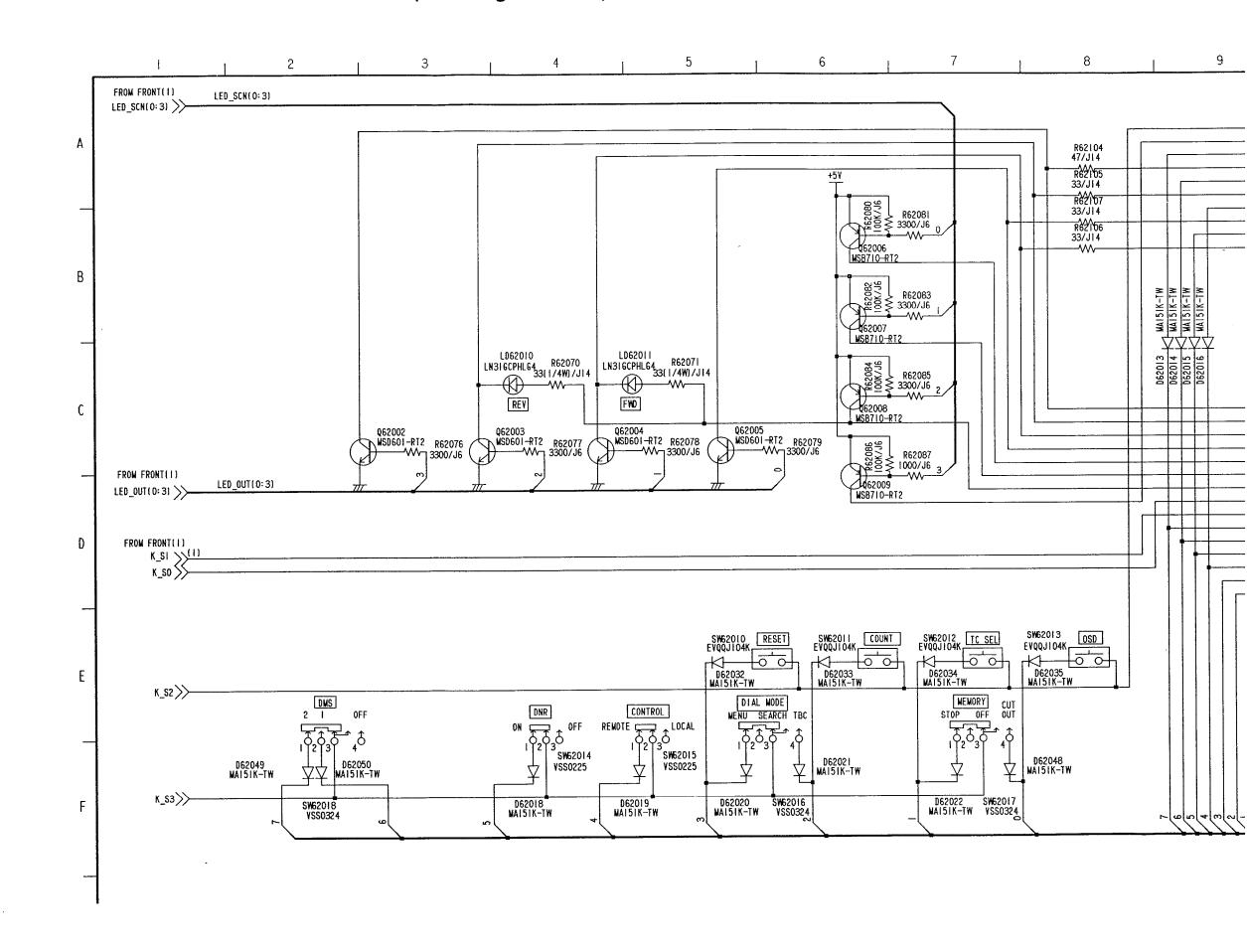
IC62002 uPC39362



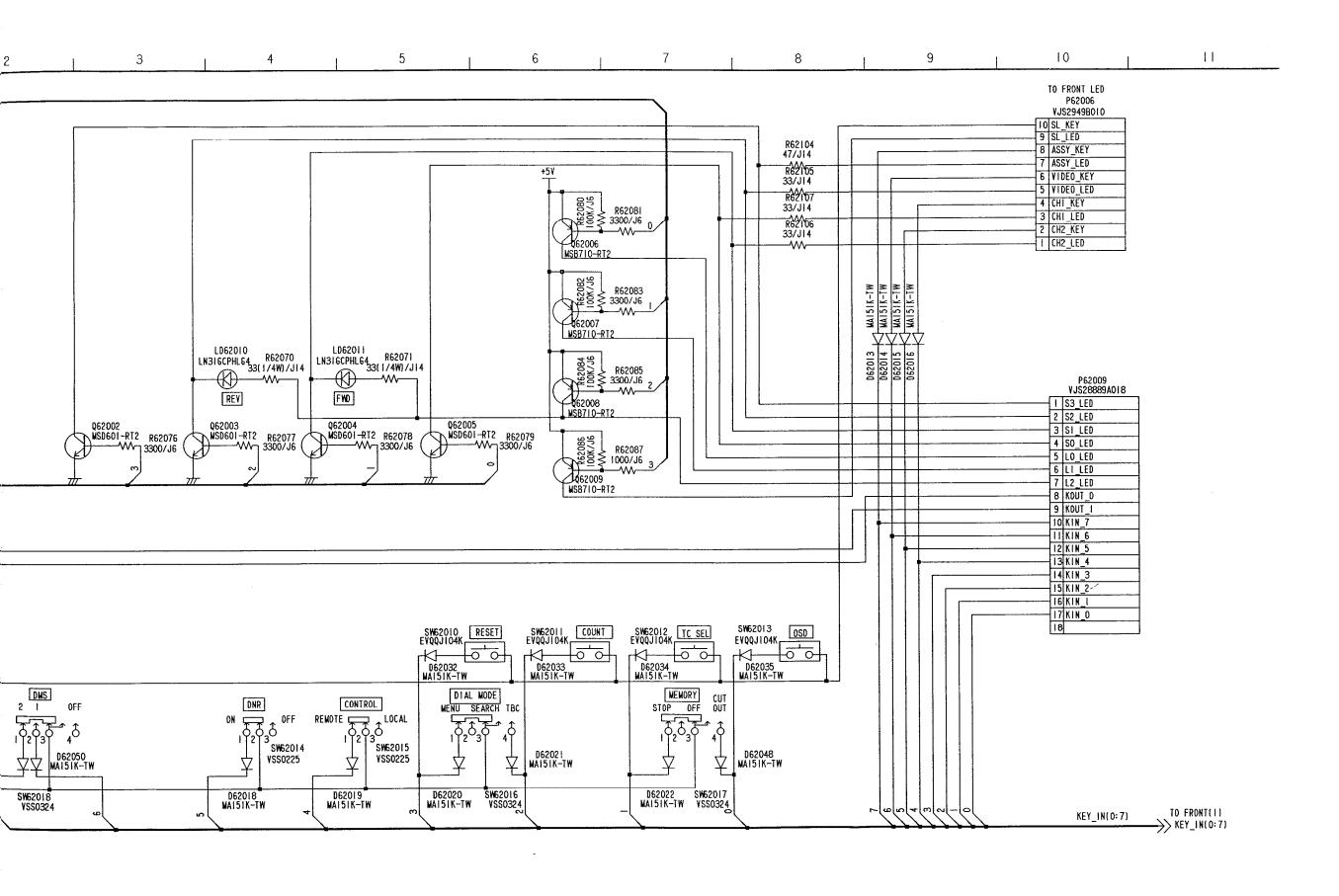
IC62003 MN1382-RTW

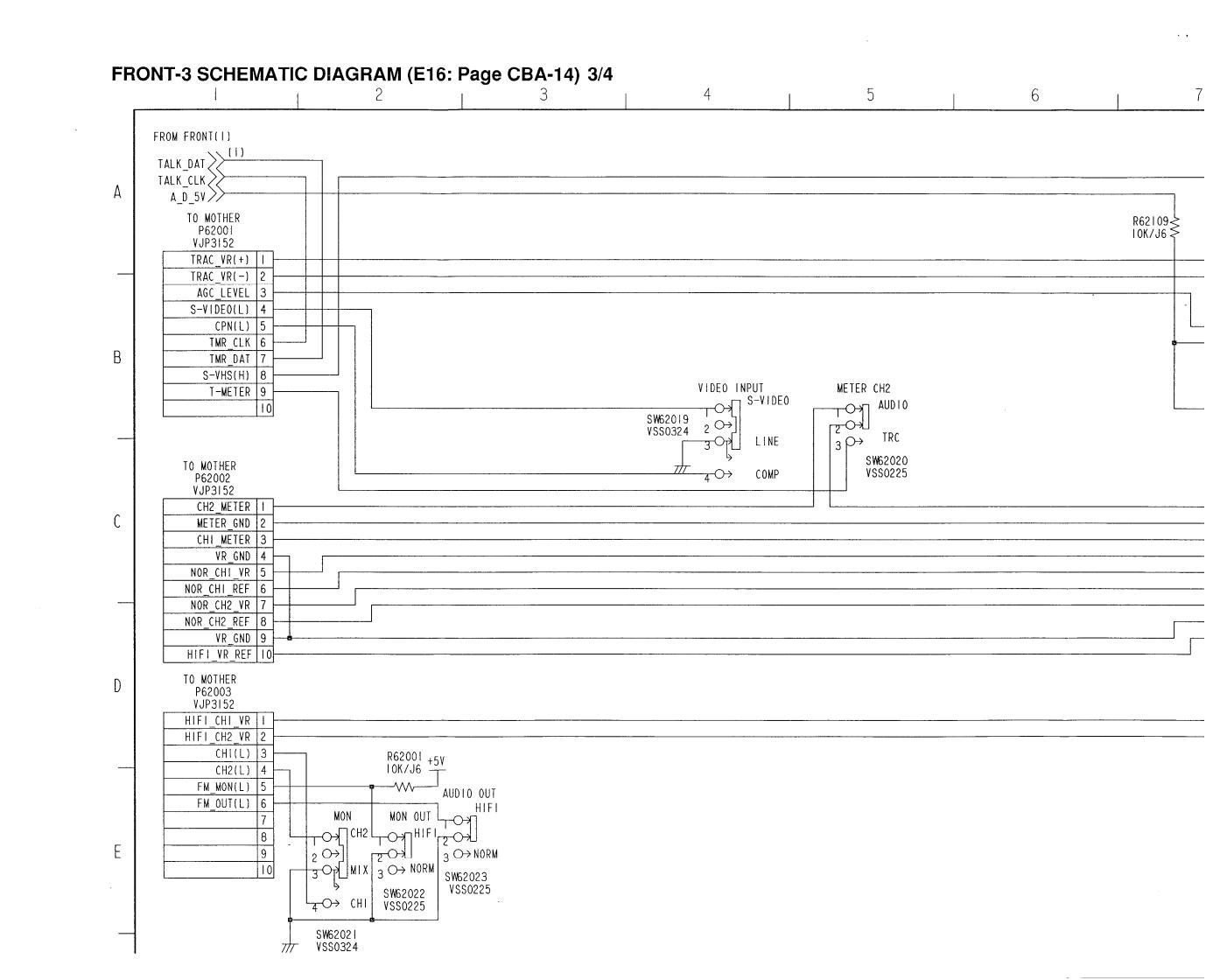


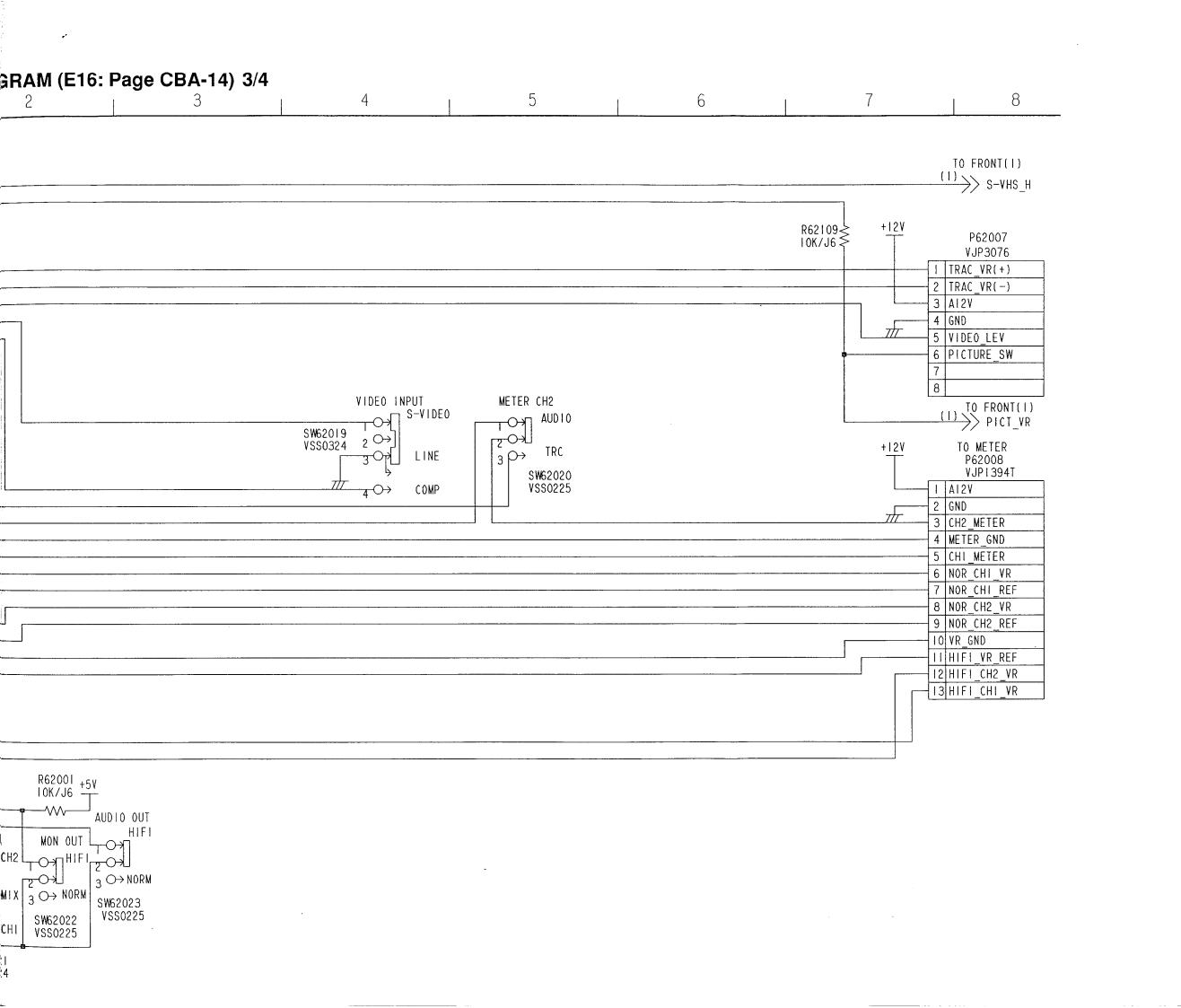
FRONT-2 SCHEMATIC DIAGRAM (E16: Page CBA-14) 2/4



C DIAGRAM (E16: Page CBA-14) 2/4

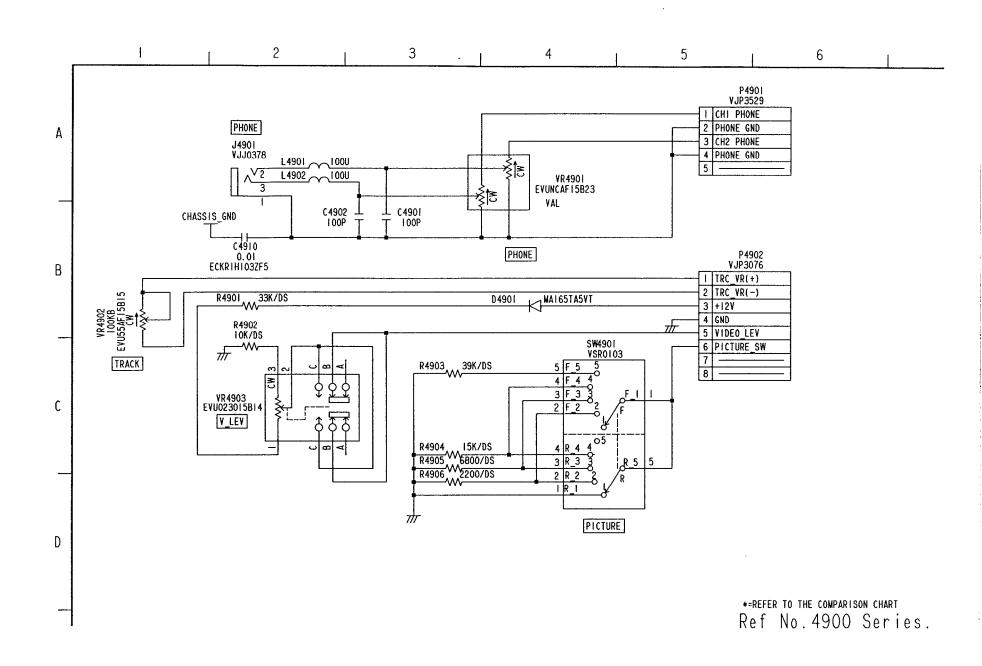


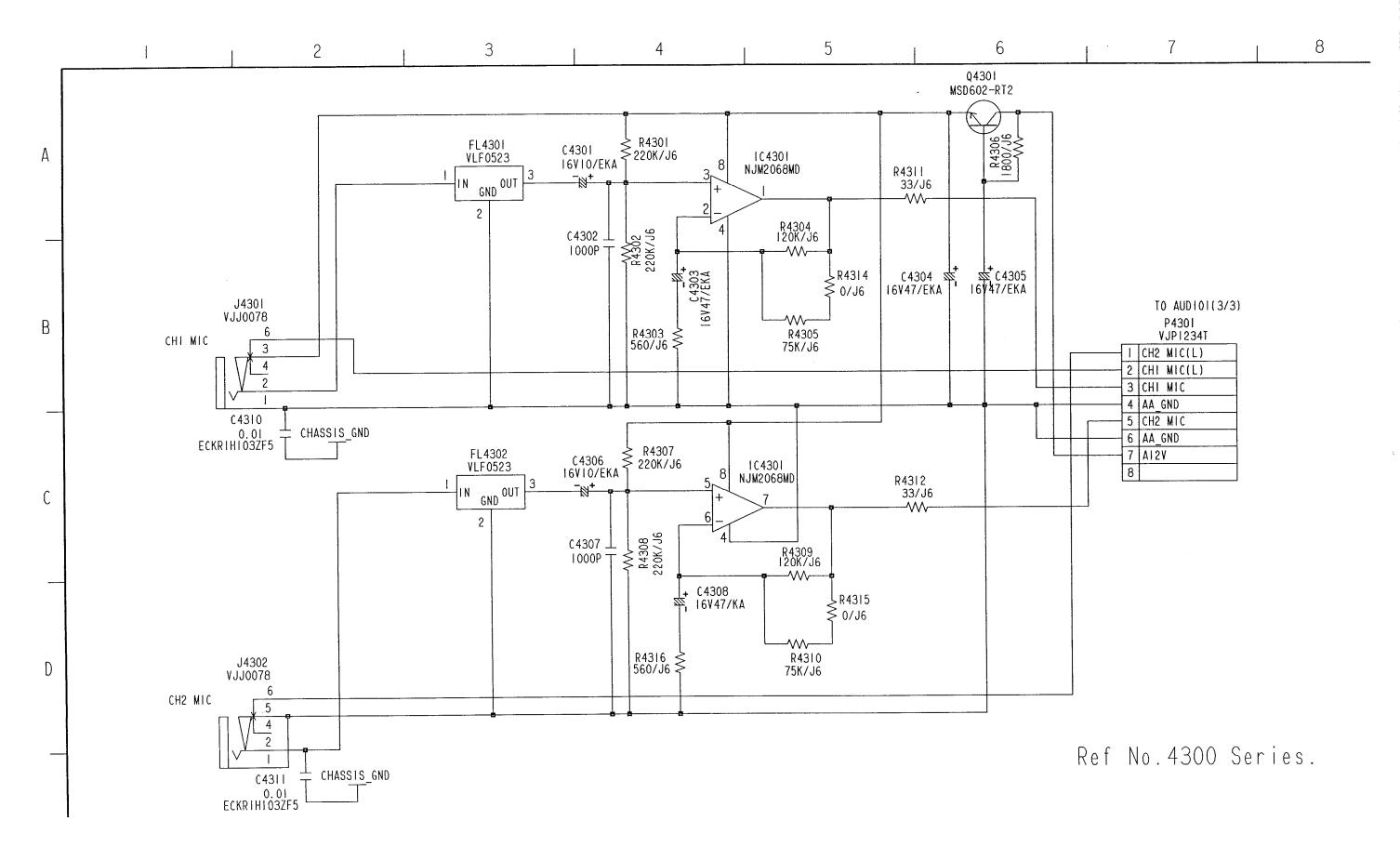




FRONT COMPARISON CHART (E16: Page CBA-14) FRONT JACK SCHEMATIC DIAGRAM (E19: Page CBA-4)

\$REF\$	T	Р	PAL	ON
C62006	*PAT	*PAT	*PAT	50V22
D62001	*PAT	*PAT	*PAT	11EQSO4TA1
D62003	*PAT	*PAT	*PAT	MA700A-TA
D62004	*PAT	*PAT	*PAT	MA4300-L
J62001	0/J6	*PAT/J6	*PAT/J6	0/J6
J62002	*PAT/J6	*PAT/J6	0/J6	0/J6
J62003	*PAT/J6	*PAT/J6	*PAT/J6	0/J6
J62004	*PAT/J6	*PAT/J6	*PAT/J6	0/J6
J62006	*PAT/J6	*PAT/J6	*PAT/J6	0/J6
Q62001	*PAT	*PAT	*PAT	2SB642-RT2
R62002	*PAT/J14	*PAT/J14	*PAT/J14	1500/J14
R62060	*PAT/J14	*PAT/J14	*PAT/J14	1000/J14
TP62001	*PAT	*PAT	*PAT	AVSD1
TP62002	*PAT	*PAT	*PAT	AVSD2
TP62003	*PAT	*PAT	*PAT	AVSD3
TP62005	*PAT	*PAT	*PAT	AVSD5
TP62006	*PAT	*PAT	*PAT	AVSD6
TP62007	*PAT	*PAT	*PAT	AVSD7
TP62008	*PAT	*PAT	*PAT	AVSD8
TP62009	*PAT	*PAT	*PAT	AVSD9
TP62010	*PAT	*PAT	*PAT	AVSD10
TP62011	*PAT	*PAT	*PAT	AVSD11
TP62012	*PAT	*PAT	*PAT	AVSD12





KEYBOARD SCHEMATIC DIAGRAM (E18: Page CBA-15)

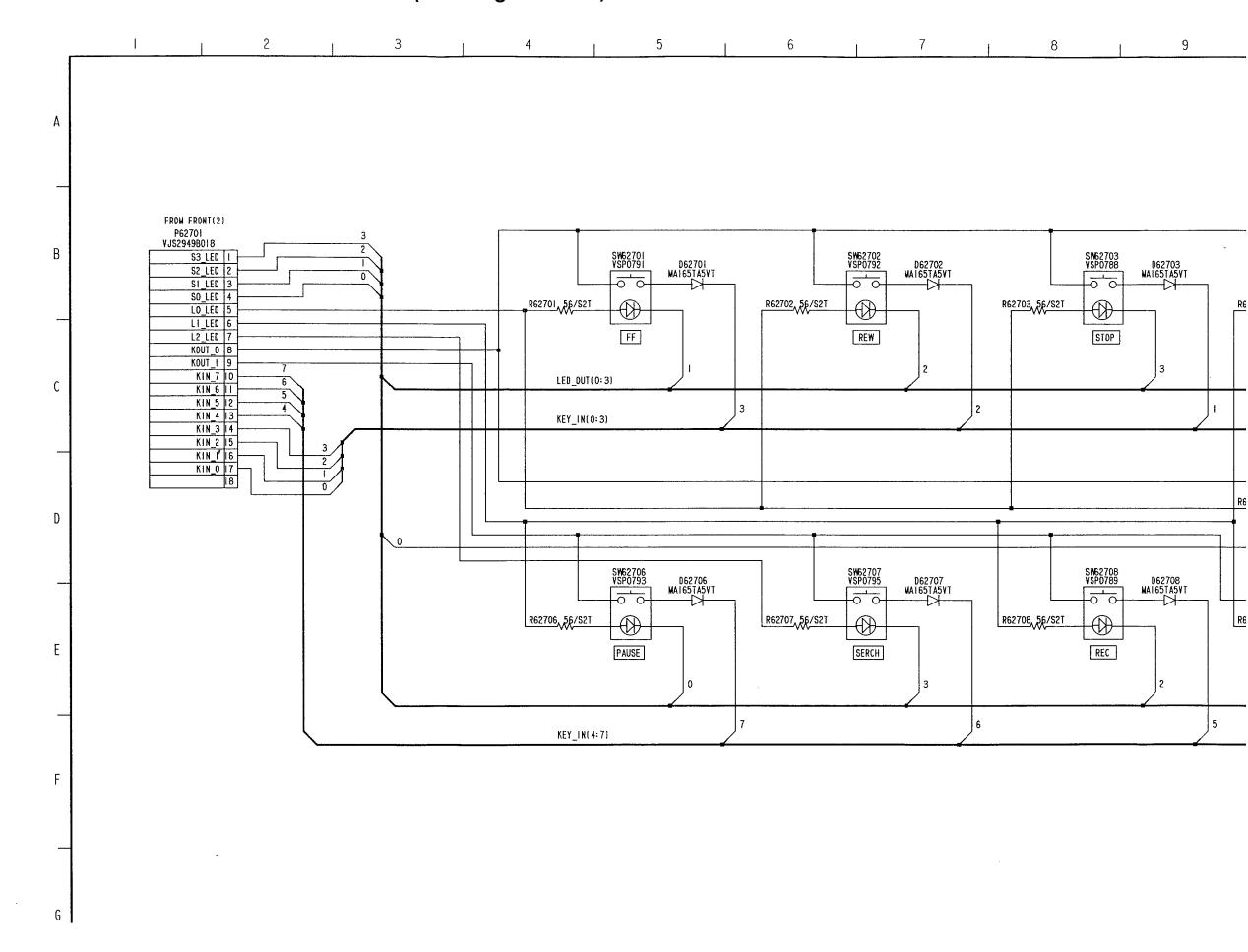


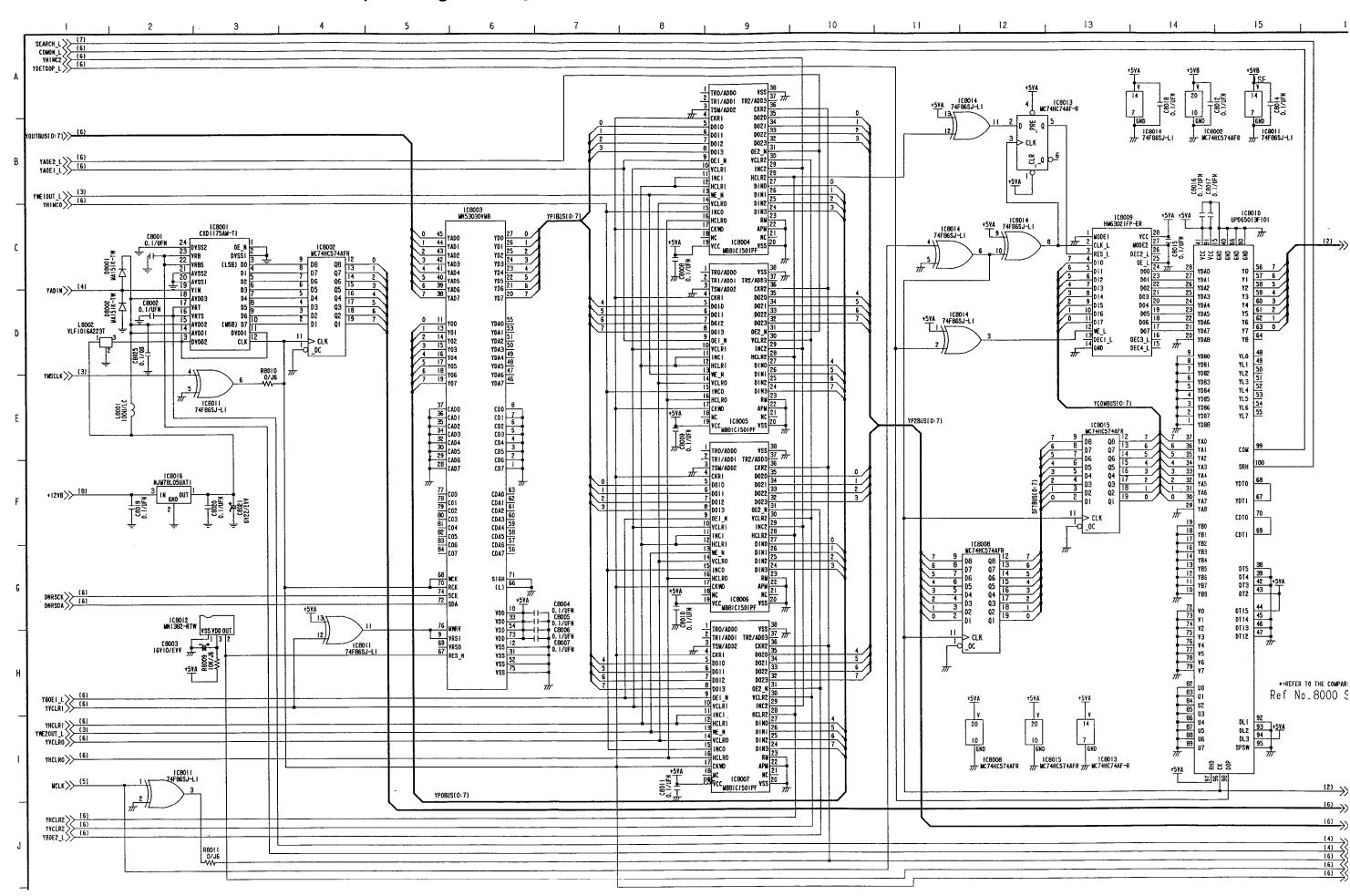
DIAGRAM (E18: Page CBA-15)

5

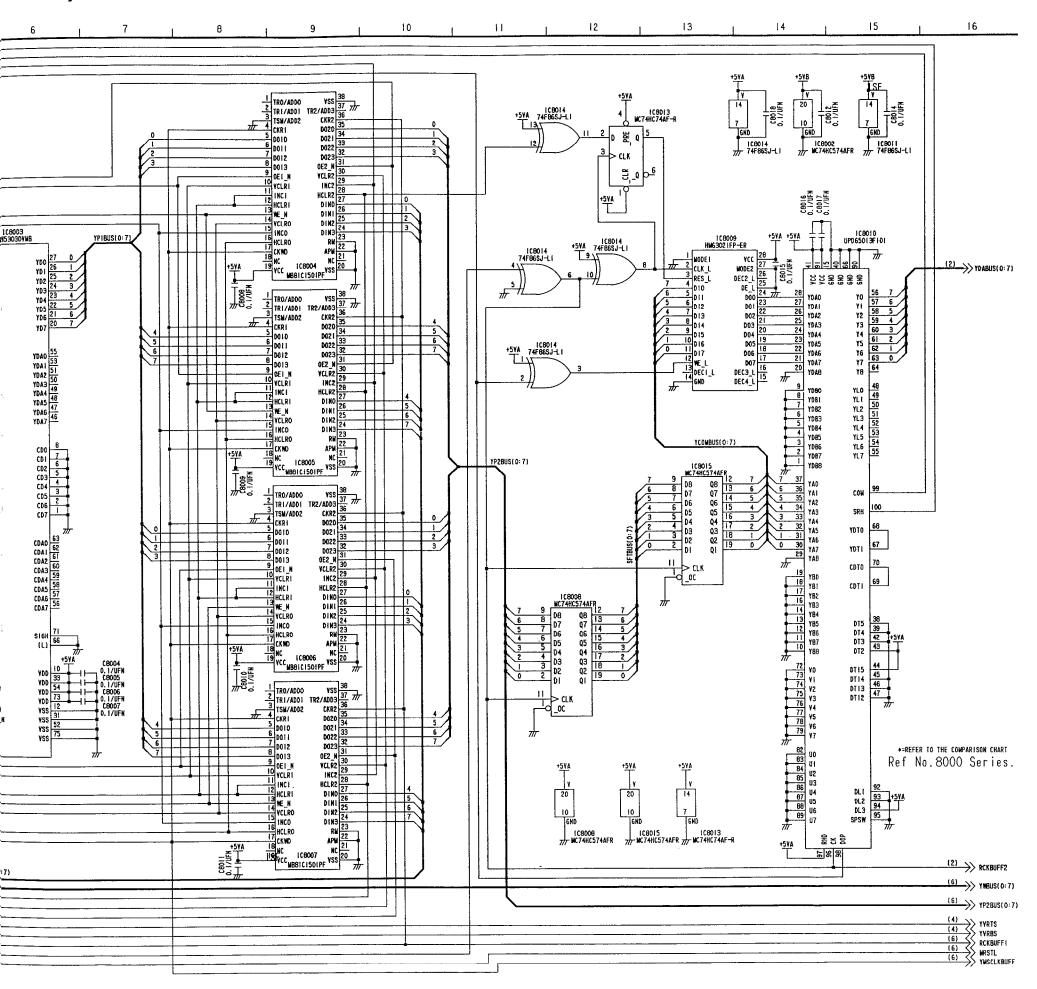
KEY_IN(4:7)

\$W62704 VSP0794 SW62703 VSP0788 D62701 MA165TA5VT D62702 MA165TA5VT D62703 MAI65TA5VT D62704 MA165TA5VT R62703_56/S2T R62704_47/S2T R62701 56/52T R62702, 56/S2T FF REW STOP EJECT LED_OUT(0:3) KEY_IN(0:3) D62705 MAI65TA5VT R62705_56/S2T PLAY D62708 MA165TA5VT D62709 MA1651A5VI D62706 MA165TA5VT D62707 MA165TA5VT R62707, 56/S2T R62708, 56/S2T R62709 56/S2T R62706, 56/S2T REC SERCH EDIT PAUSE

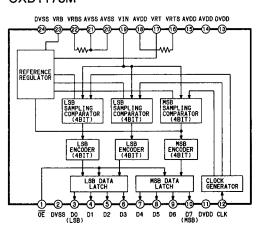
Y MEMORY-1 SCHEMATIC DIAGRAM (E11: Page CBA-9) 1/9



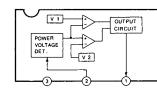
CBA-9) 1/9



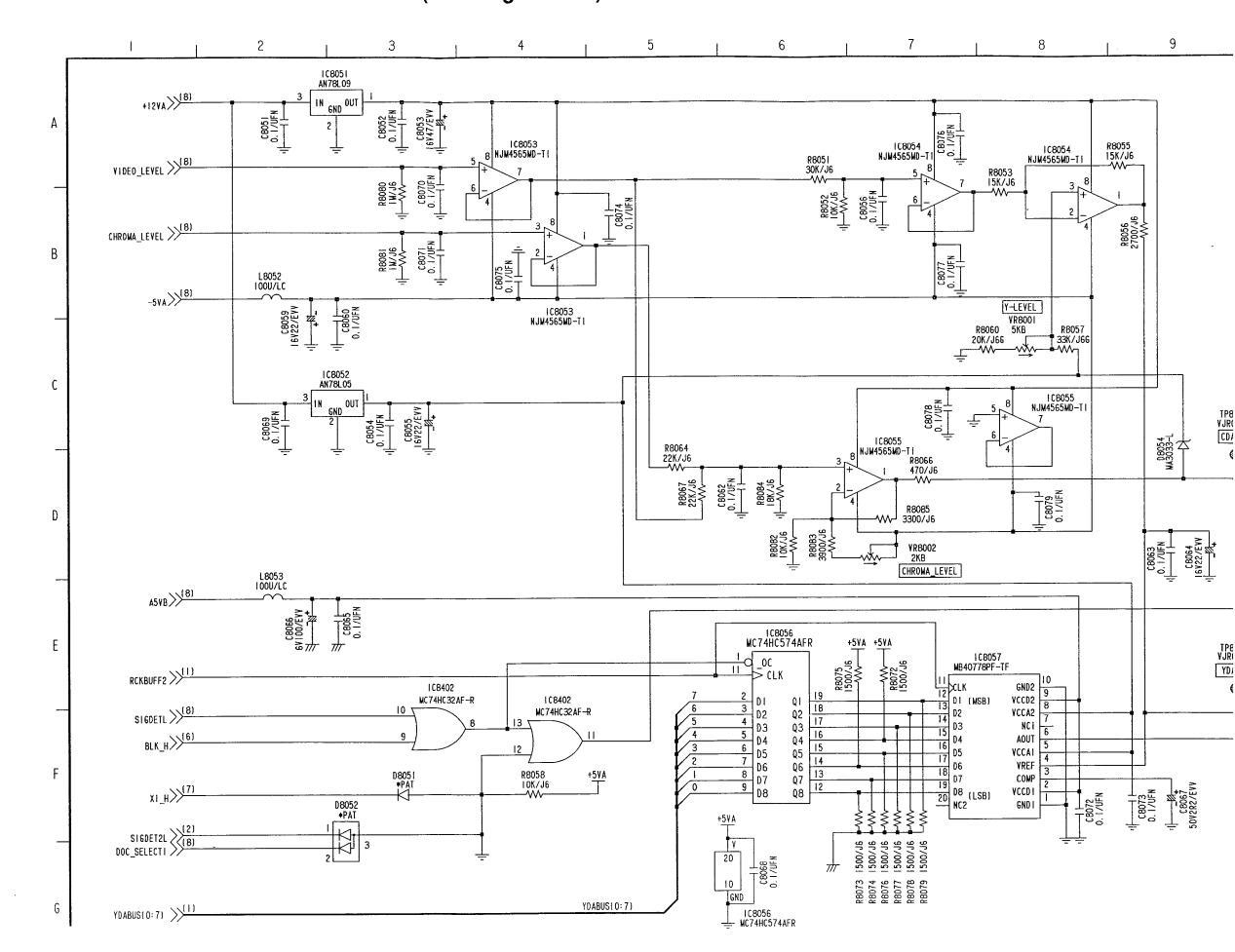
IC8001 CXD1175M



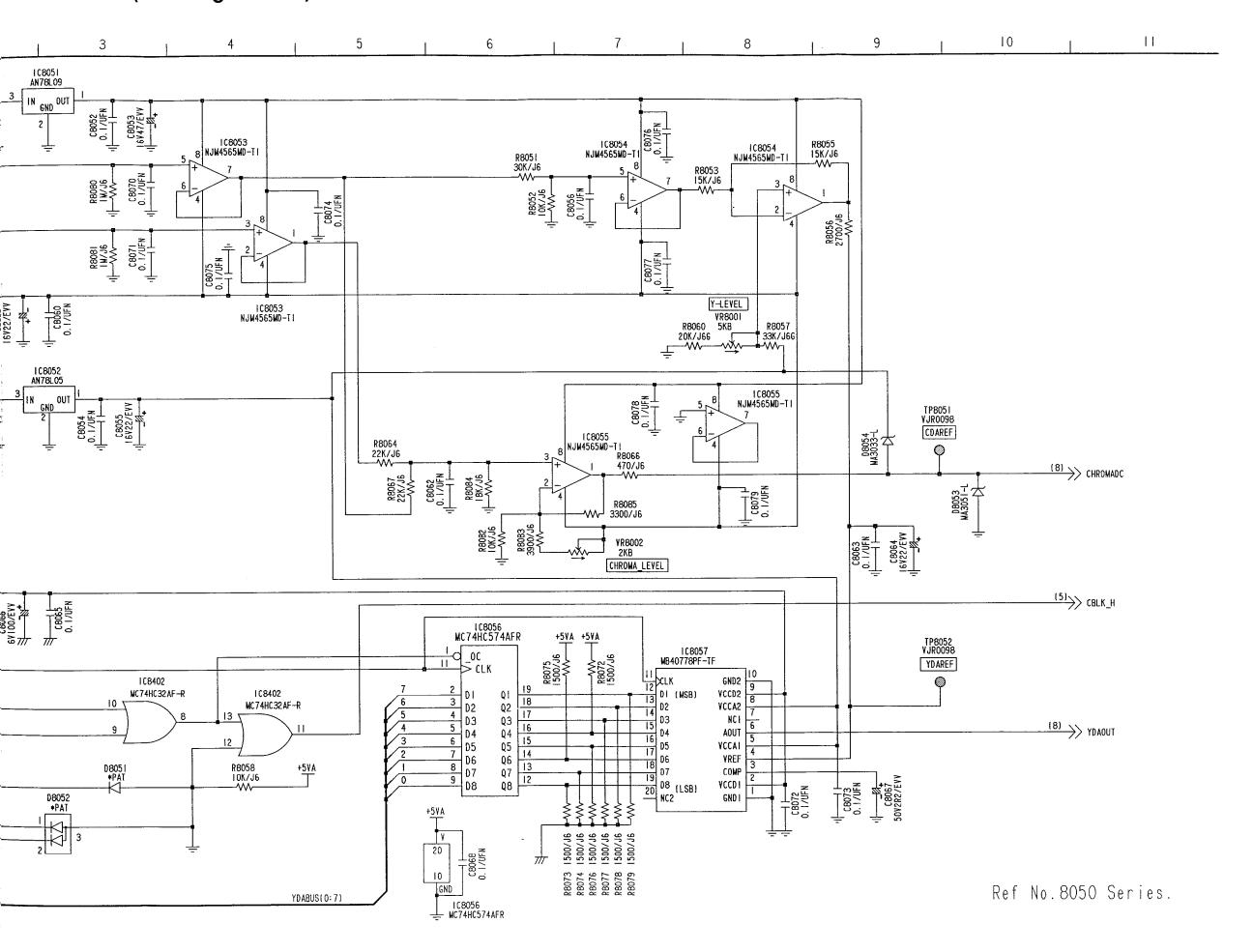
IC8012 MN1382-RTW



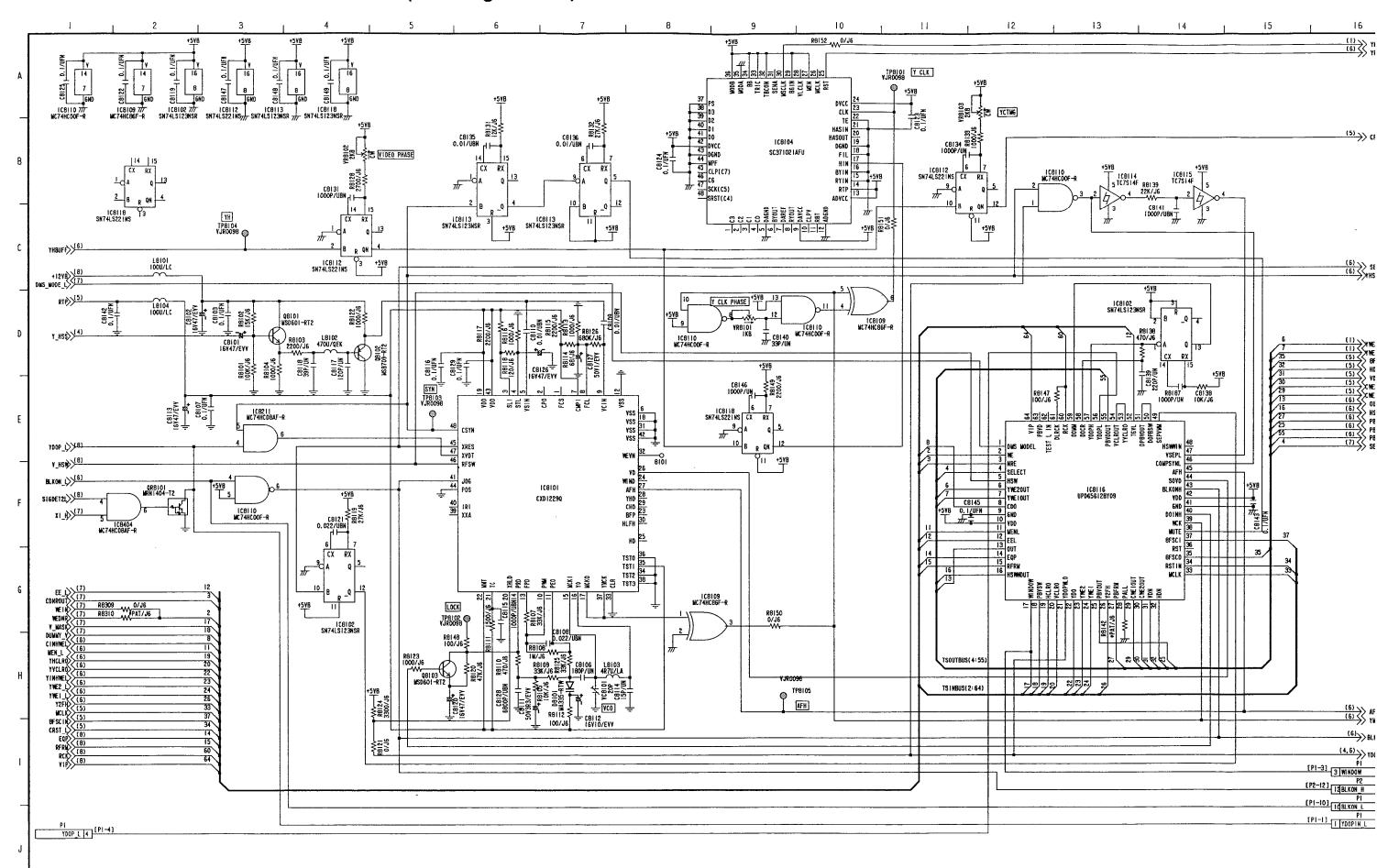
Y MEMORY-2 SCHEMATIC DIAGRAM (E11: Page CBA-9) 2/9



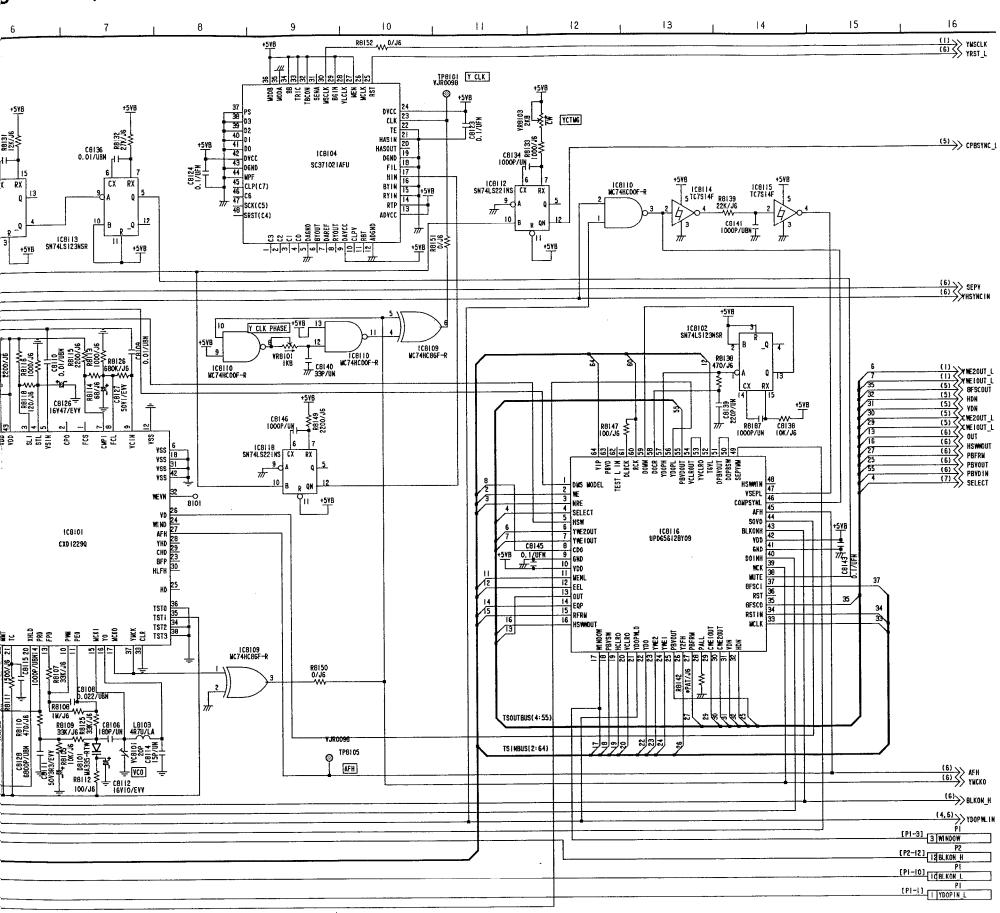
IC DIAGRAM (E11: Page CBA-9) 2/9



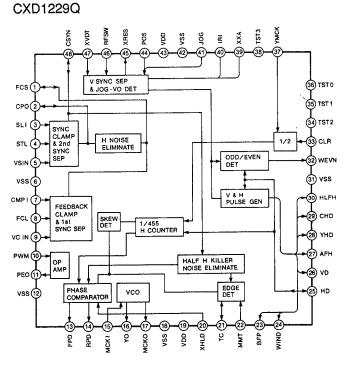
SYNC SEP & AFC SCHEMATIC DIAGRAM (E11: Page CBA-9) 3/9



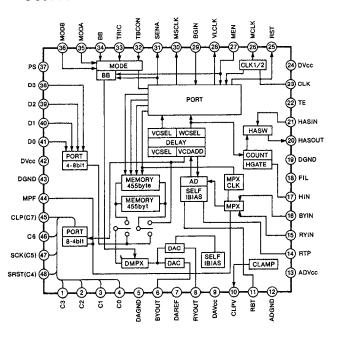
ge CBA-9) 3/9



IC8101

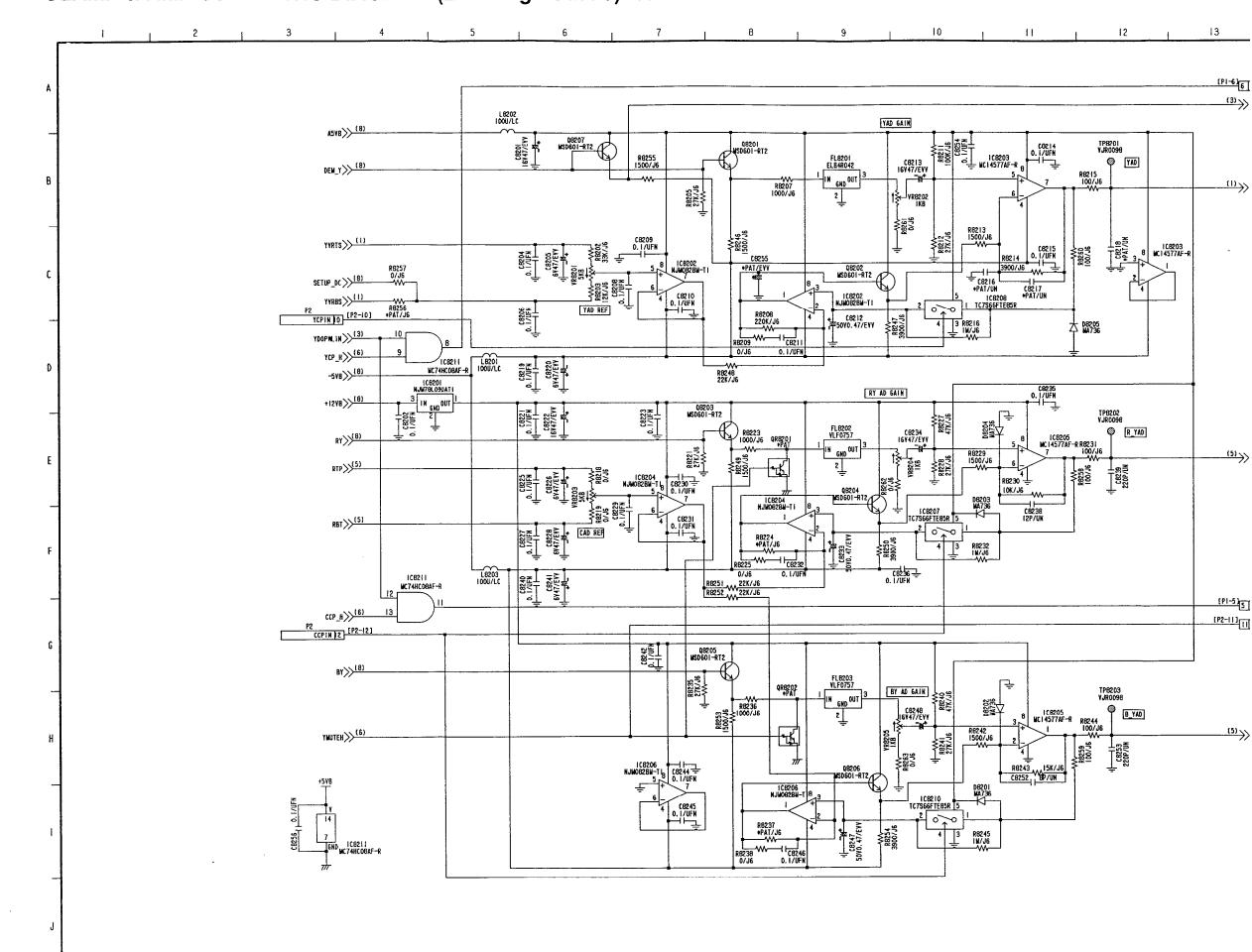


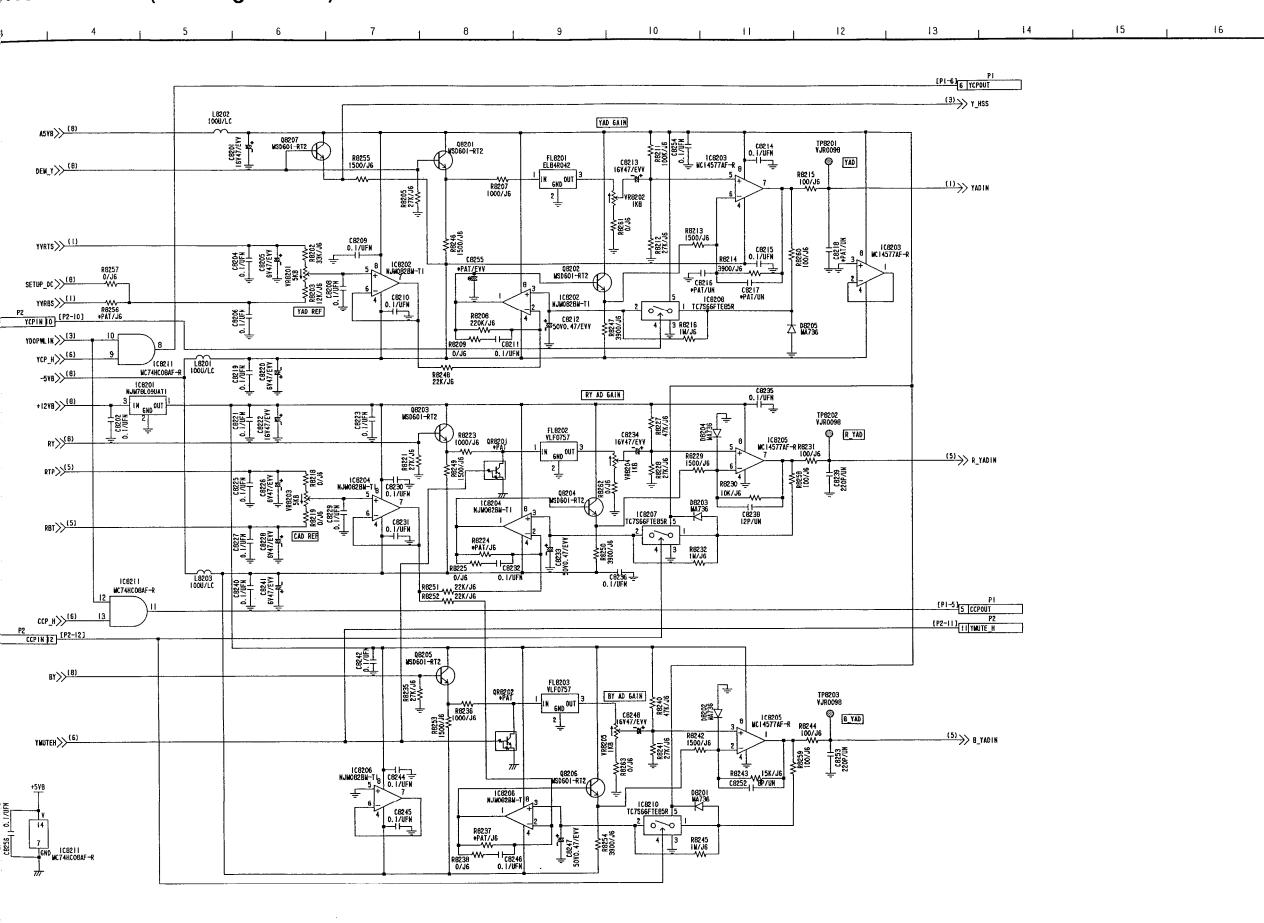
IC8104 SC371021AFU



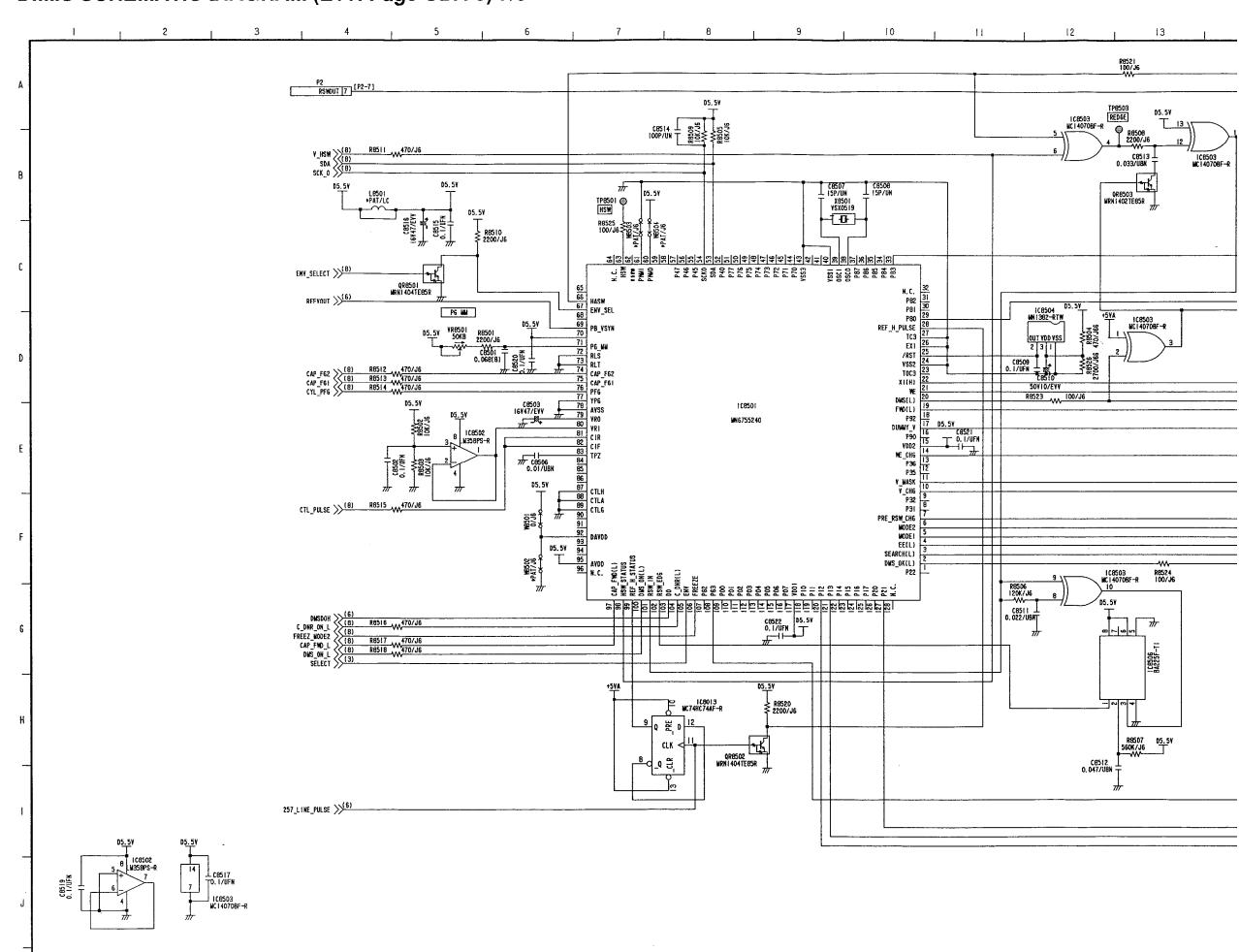
Ref NO.8100 Series.

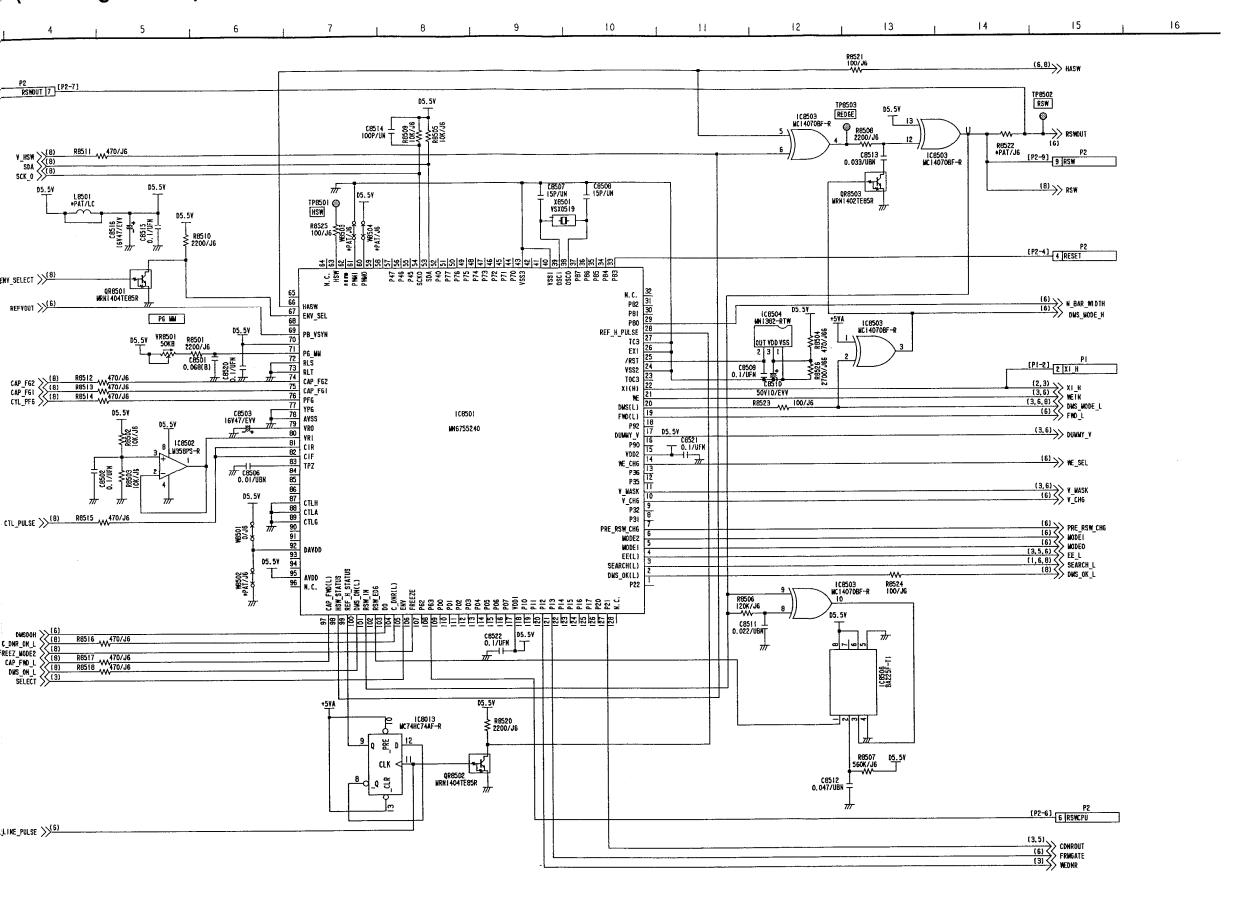
CLAMP & AMP SCHEMATIC DIAGRAM (E11: Page CBA-9) 4/9



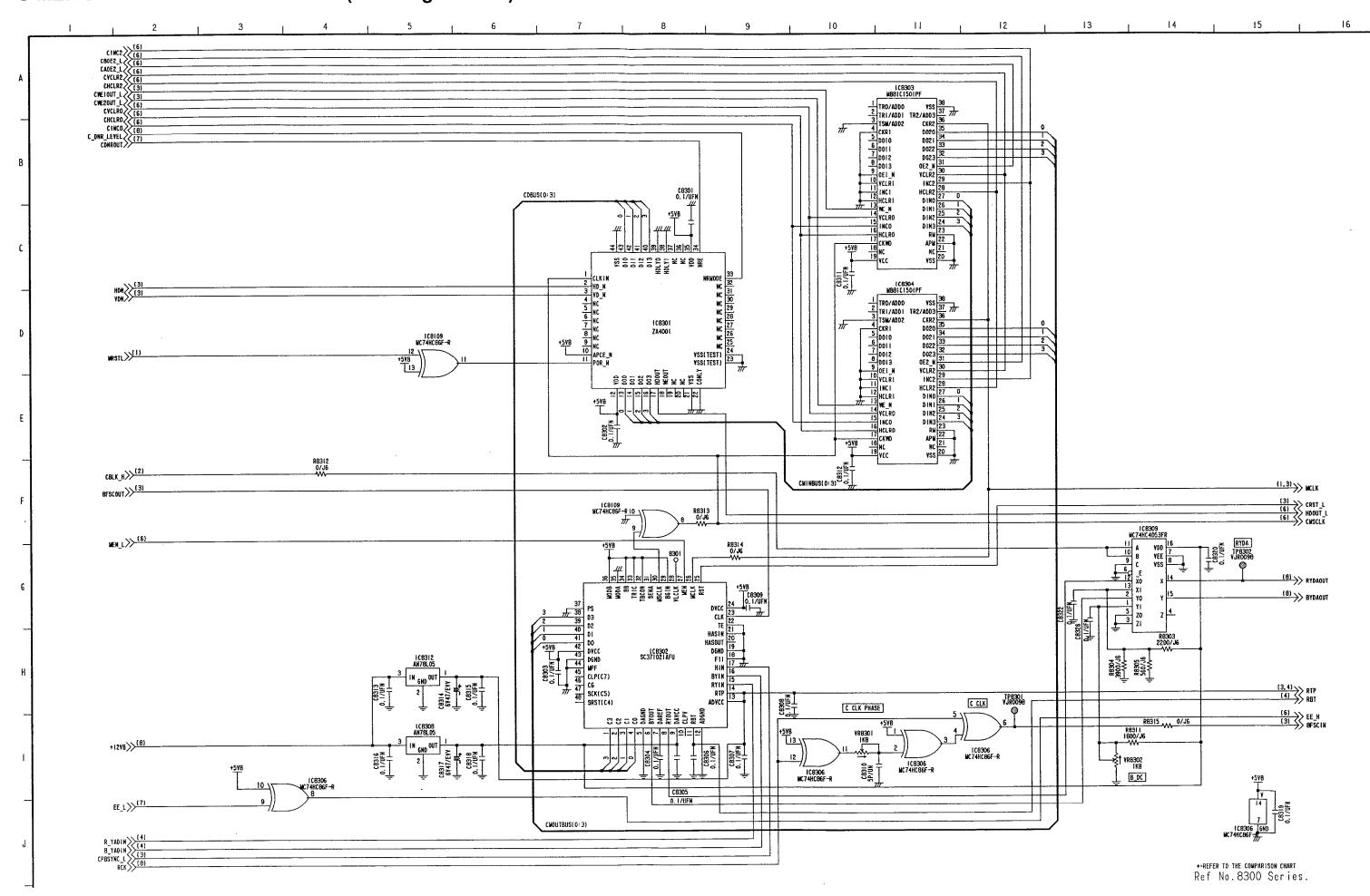


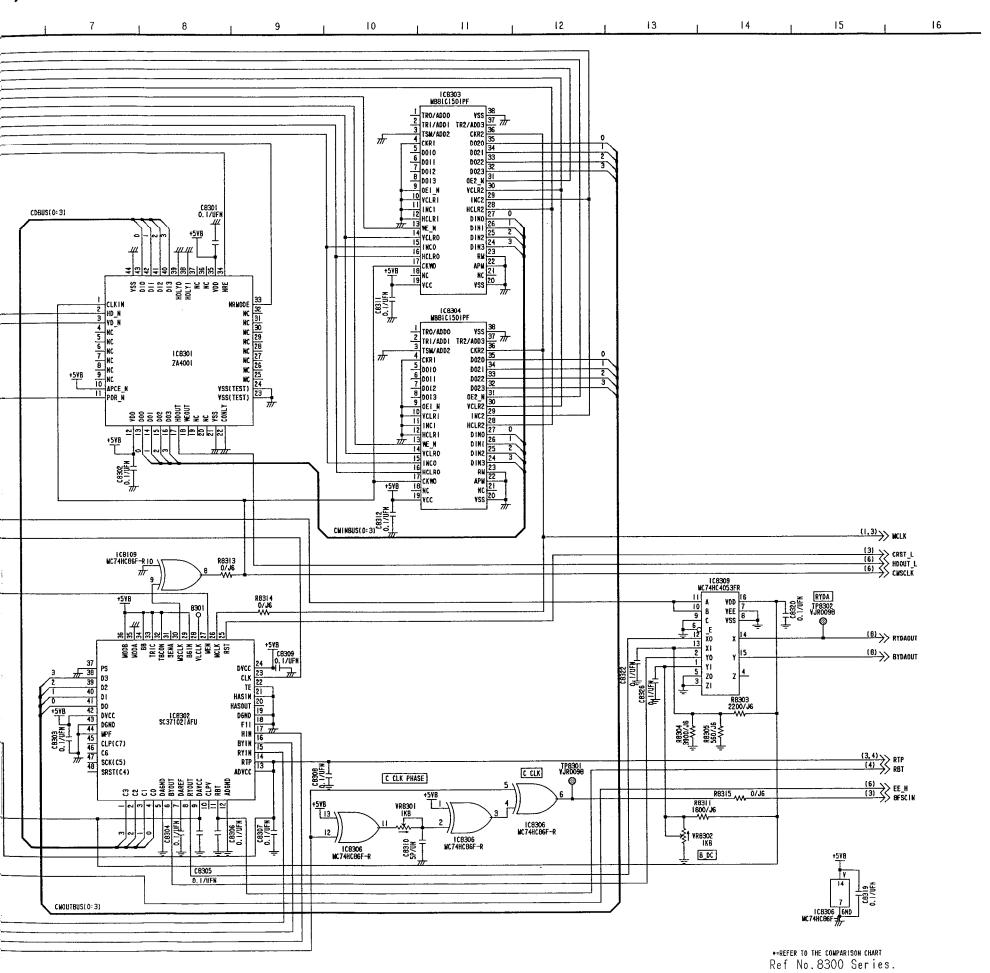
D.M.S SCHEMATIC DIAGRAM (E11: Page CBA-9) 7/9



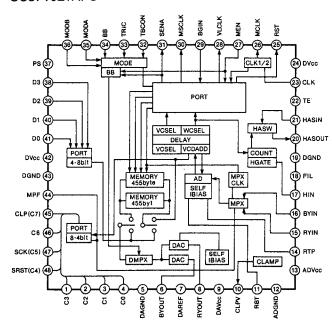


C MEMORY SCHEMATIC DIAGRAM (E11: Page CBA-9) 5/9

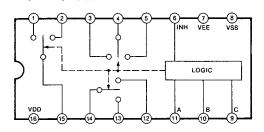




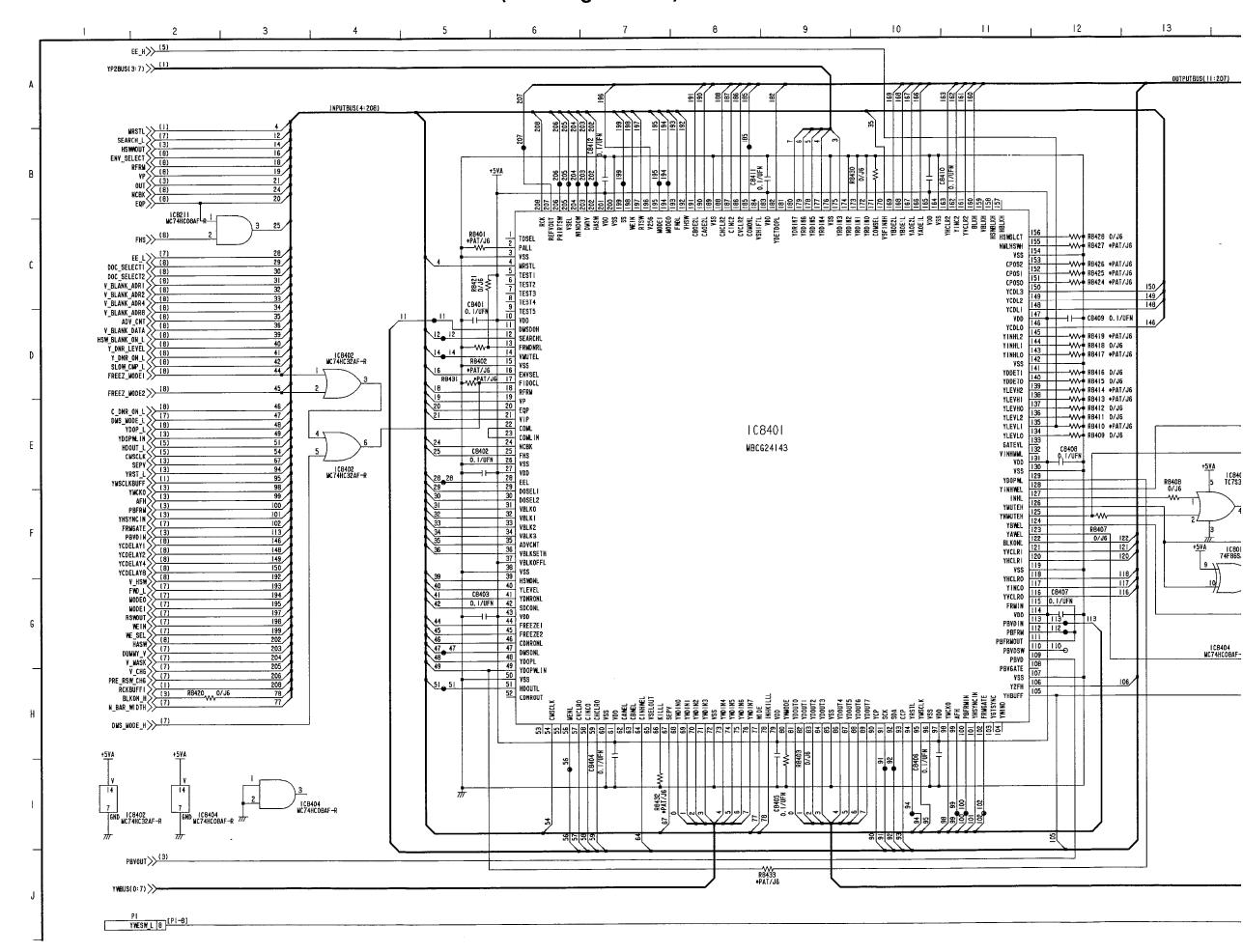
IC8302 SC371021AFU

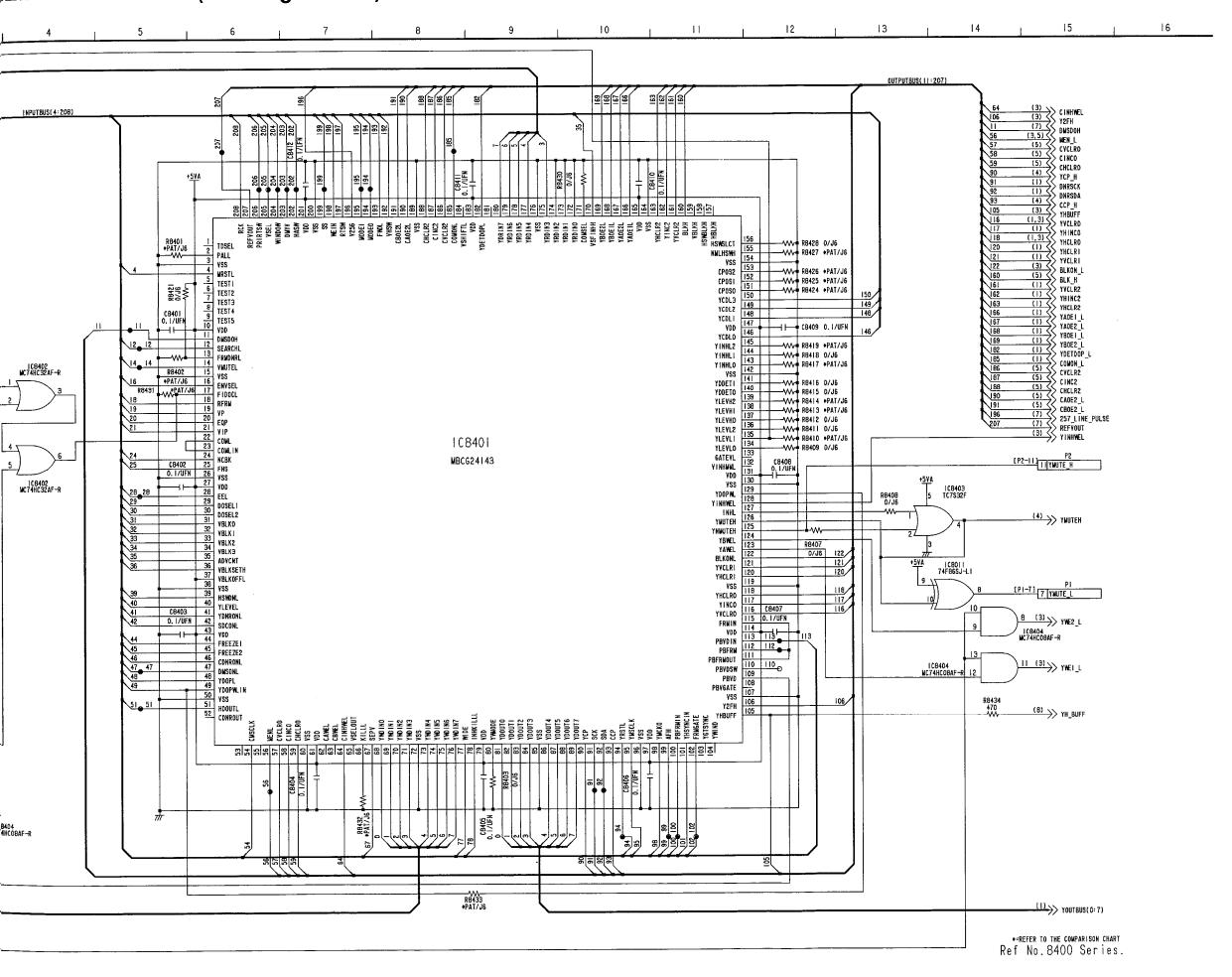


IC8309 MC74HC4053FR

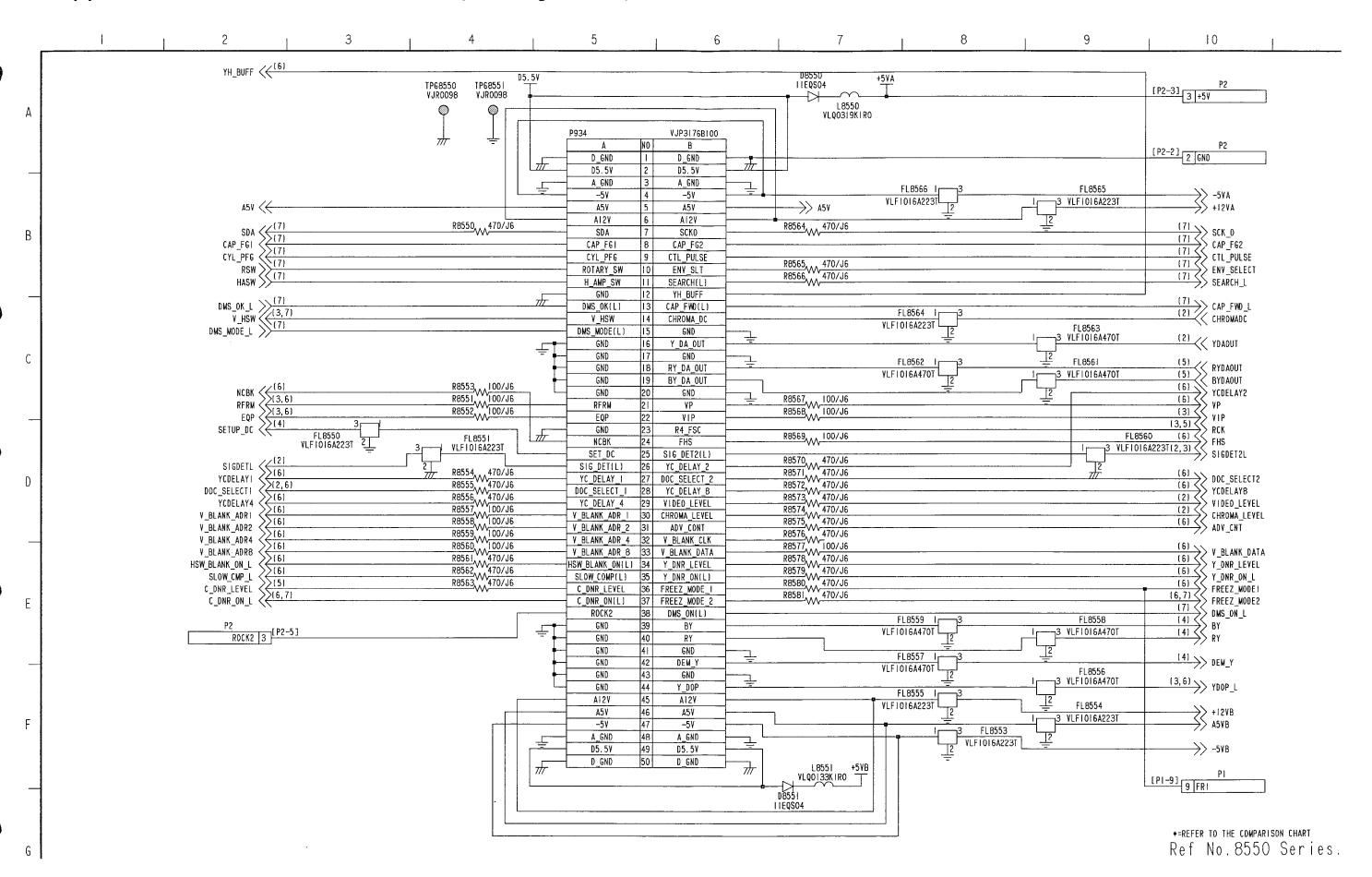


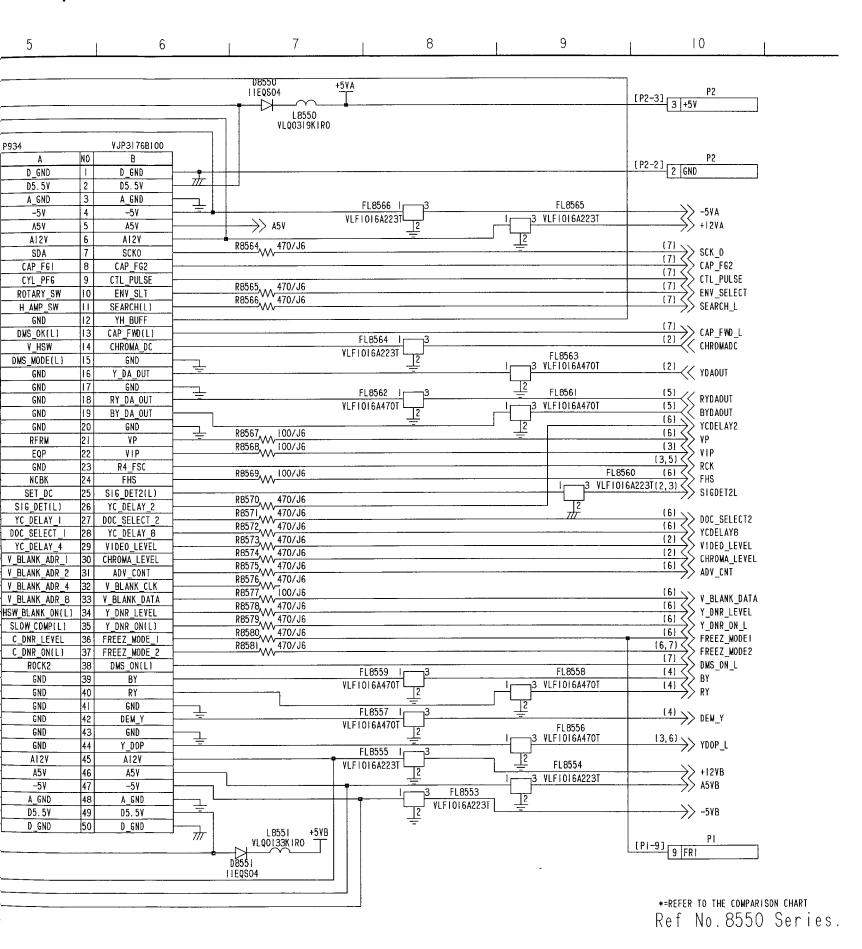
TBC & DMS G.A.BLOCK SCHEMATIC DIAGRAM (E11: Page CBA-9) 6/9





TBC (1) CONNECTION SCHEMATIC DIAGRAM (E11: Page CBA-9) 8/9

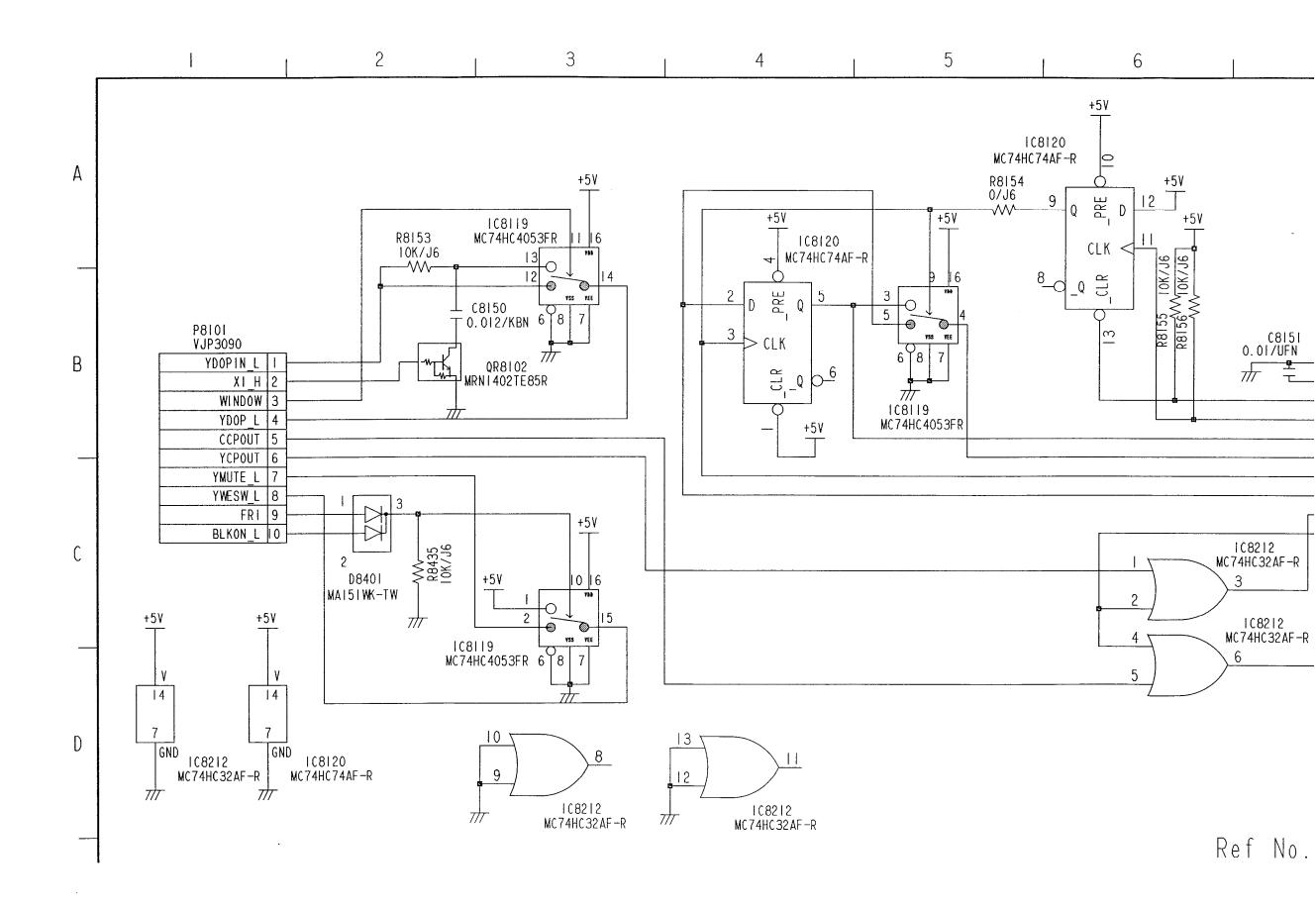




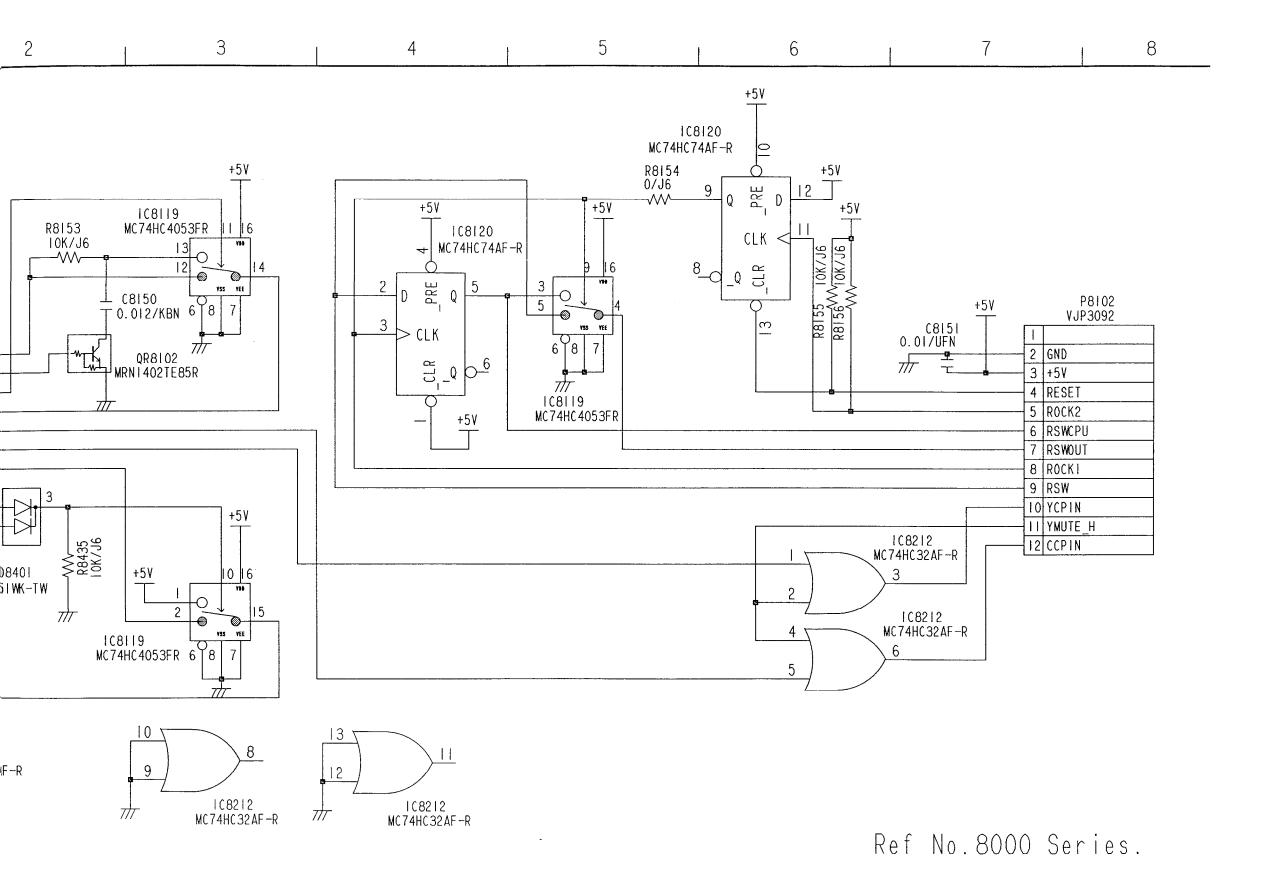
TBC (1) COMPARISON CHART (E11: Page CBA-9)

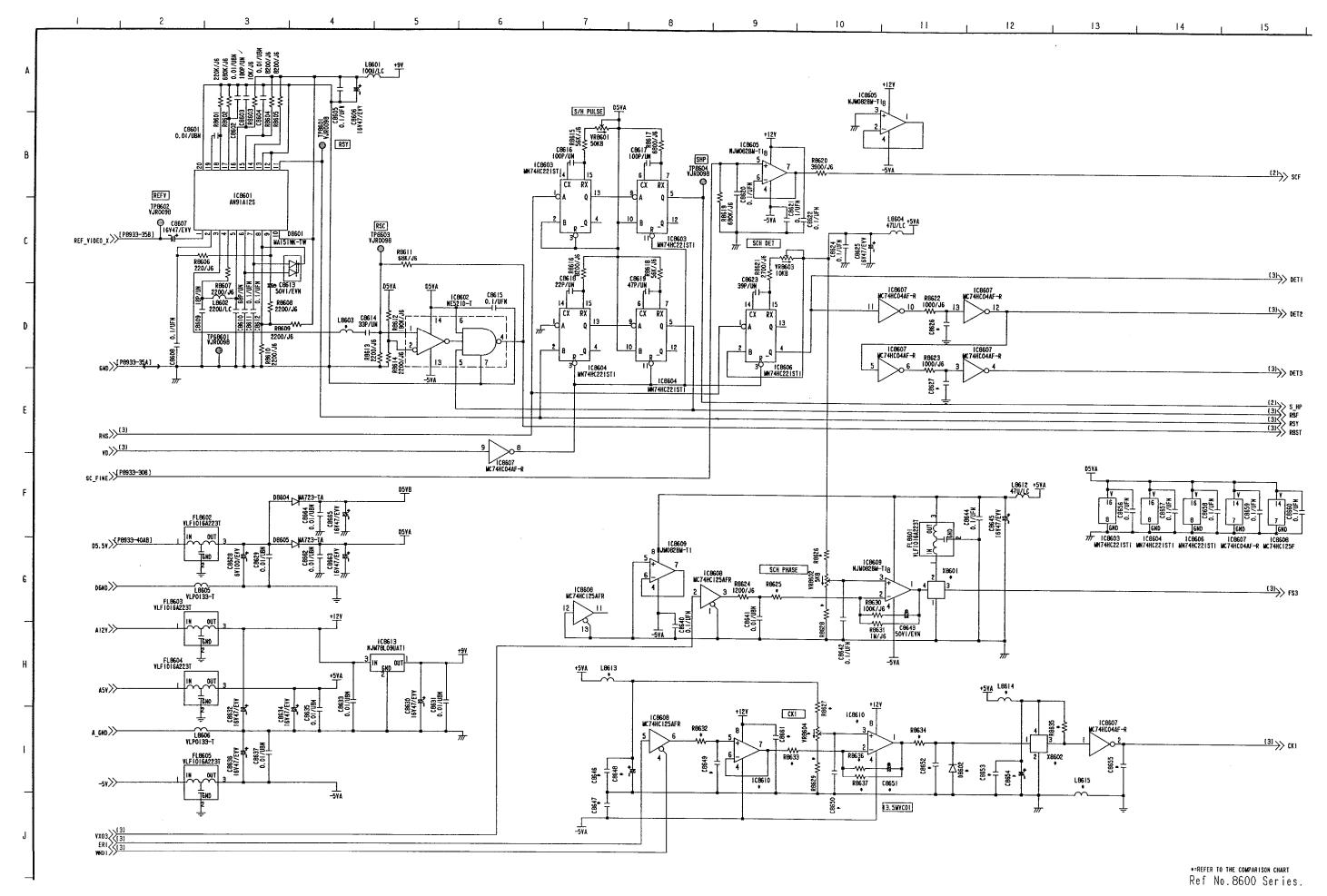
\$REF\$ NTSC PAL	
	ON
C8216	
C8217 *PAT/UN *PAT/UN	10P/UN
C8218 *PAT/UN *PAT/UN	10P/UN
C8255	16V1/EVV
D8051 *PAT *PAT	MA151A-TW
D8052 *PAT *PAT	MA151WA-TW
L8501 *PAT/LC *PAT/LC	
QR8201 *PAT *PAT	MRN1403-T2
UR8202 *PAT *PAT	MRN1403-T2
R8142 *PAT/J6 0/J6	0/J6
R8224 *PAT/J6 *PAT/J6	0/J6
R8237 *PAT/J6 *PAT/J6	
R8256 *PAT/J6 *PAT/J6	
R8310 *PAT/J6 *PAT/J6	0/J6
R8401 *PAT/J6 0/J6	0/J6
R8402 *PAT/J6 *PAT/J6	
R8408 *PAT/J6 *PAT/J6	
R8410 *PAT/J6 *PAT/J6	
R8413 *PAT/J6 *PAT/J6	
R8414 *PAT/J6 *PAT/J6	
R8417 *PAT/J6 *PAT/J6	0/J6
R8419 *PAT/J6 *PAT/J6	0/J6
R8424 *PAT/J6 *PAT/J6	0/J6
R8425 *PAT/J6 *PAT/J6	
R8426 *PAT/J6 *PAT/J6	0/J6
R8427 *PAT/J6 *PAT/J6	0/J6
R8431 *PAT/J6 *PAT/J6	0/J6
R8432 *PAT/J6 *PAT/J6	0/J6
R8433 *PAT/J6 *PAT/J6	0/J6
R8522 *PAT/J6 *PAT/J6	0/J6
W8502 *PAT/J6 *PAT/J6	
W8503 *PAT/J6 *PAT/J6	
W8504 *PAT/J6 *PAT/J6	0/J6

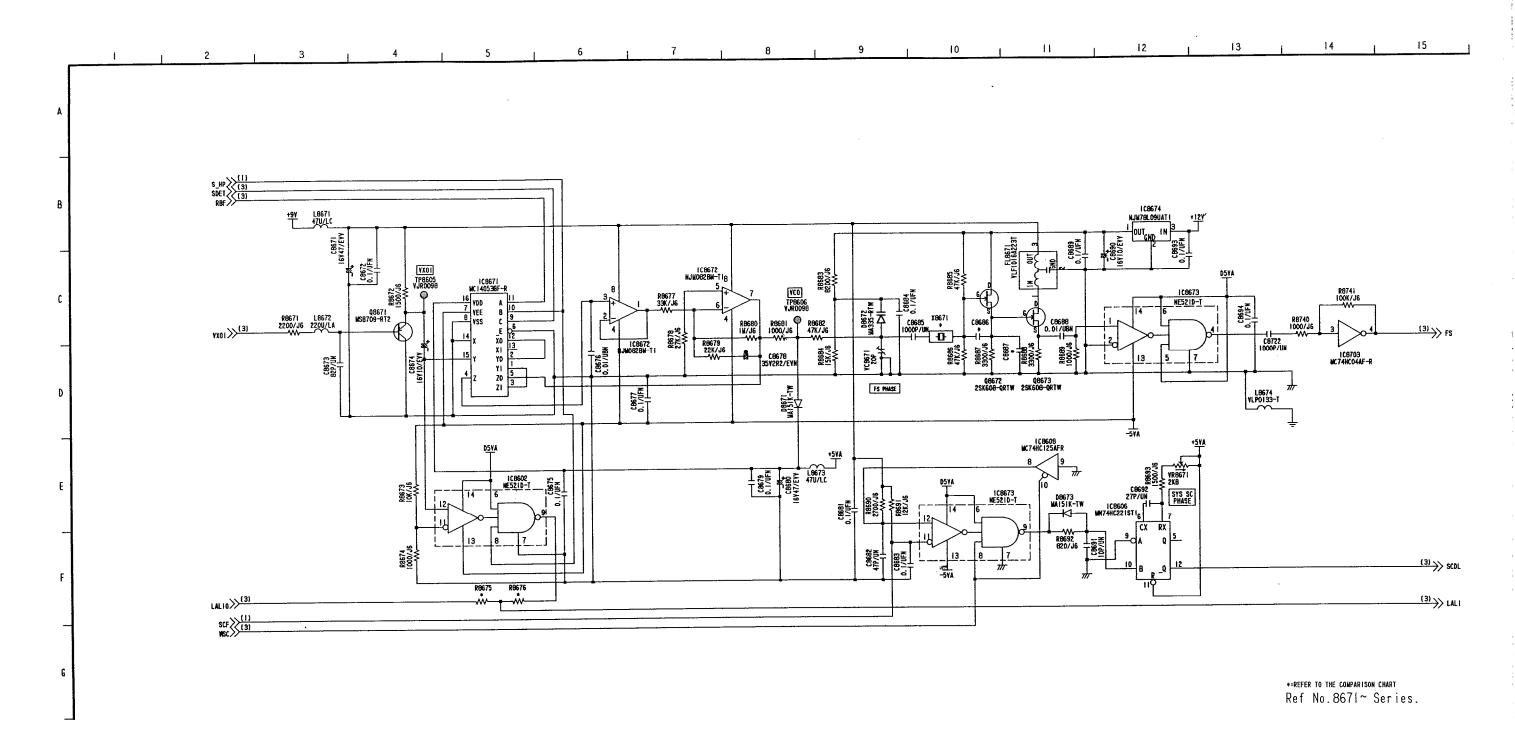
TBC SUB SCHEMATIC DIAGRAM (E101: Page CBA-9)

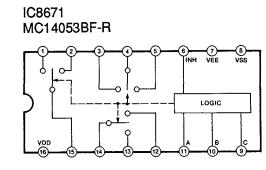


RAM (E101: Page CBA-9)

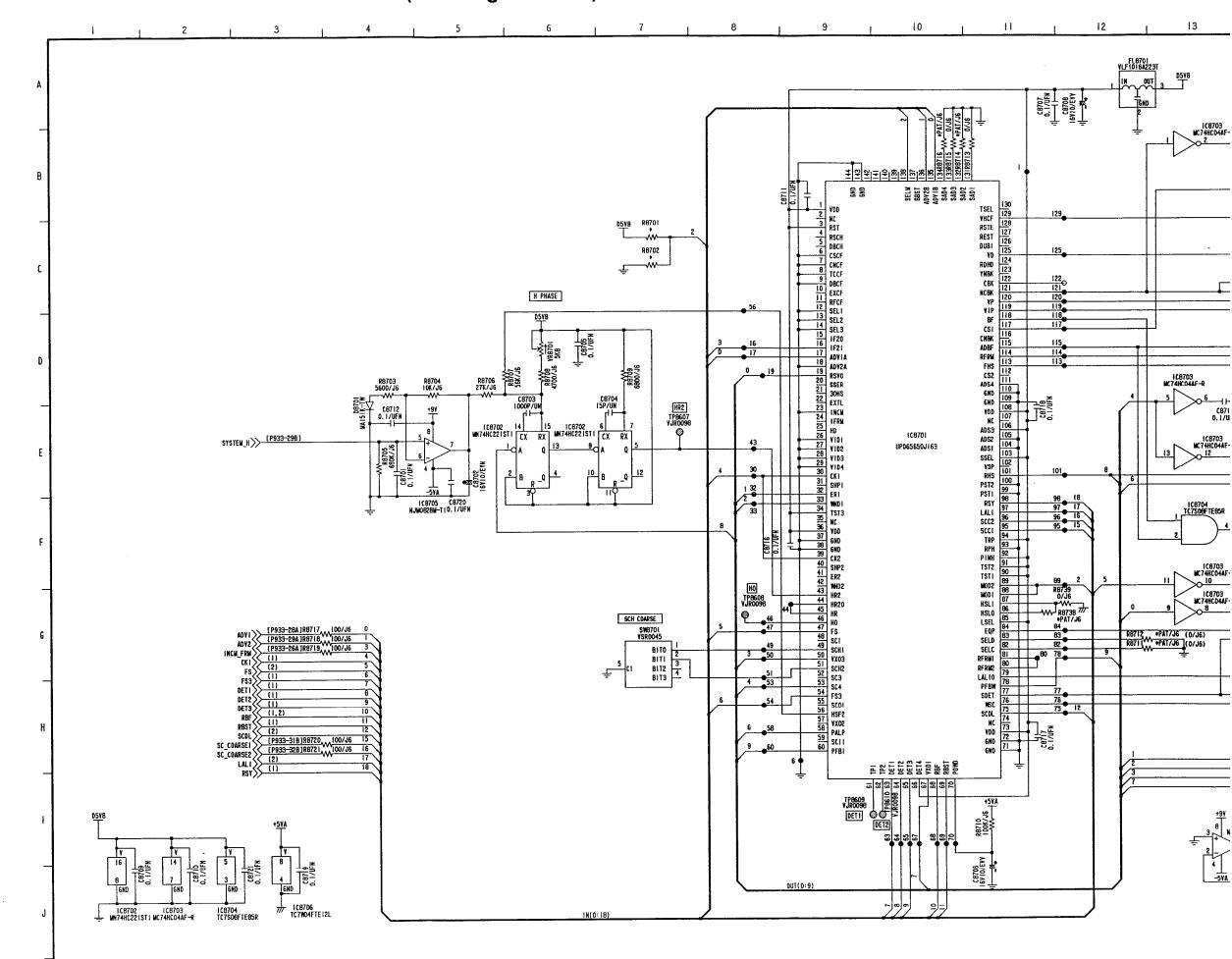


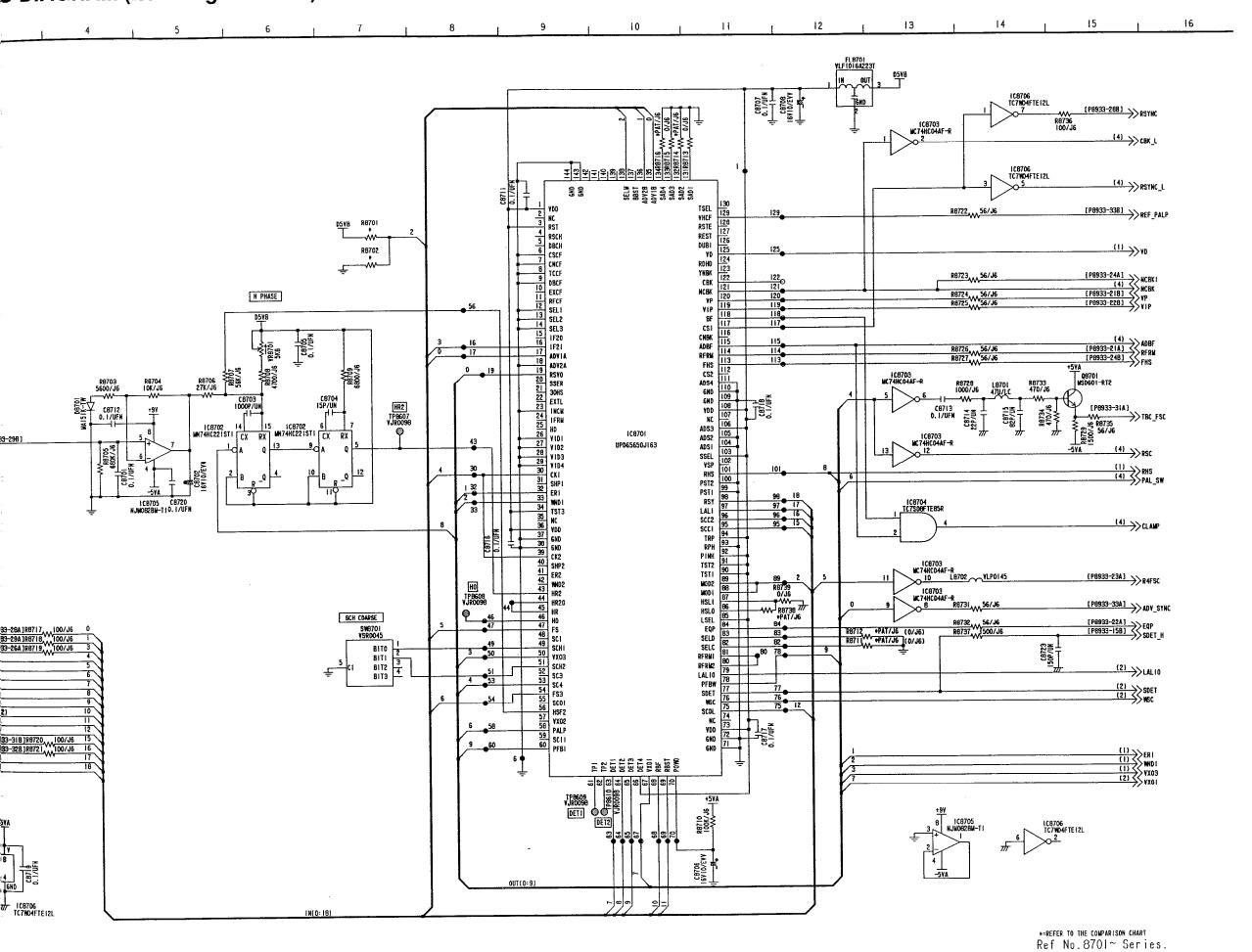




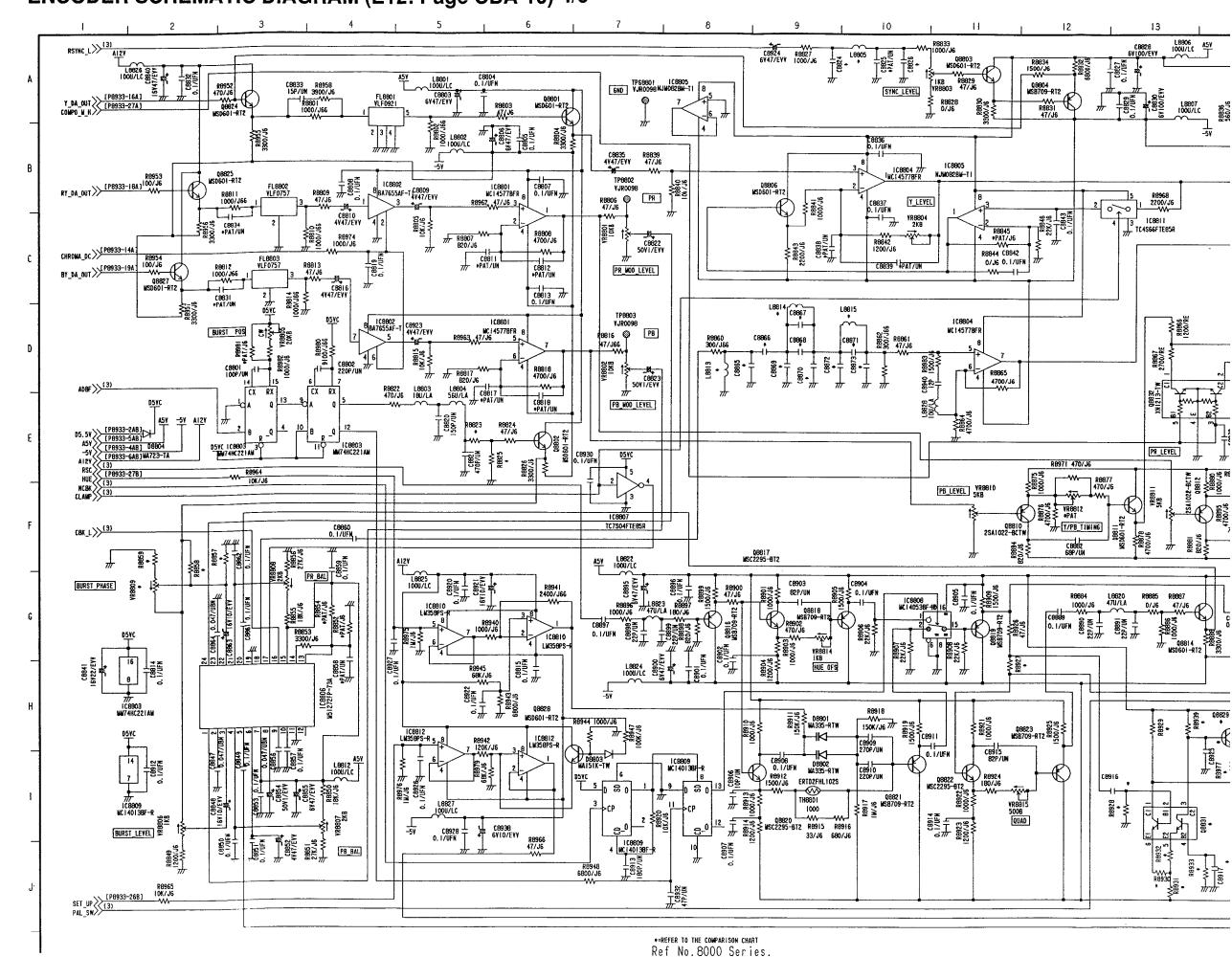


SYNC GEN-3 SCHEMATIC DIAGRAM (E12: Page CBA-10) 3/6





ENCODER SCHEMATIC DIAGRAM (E12: Page CBA-10) 4/6



RAM (E12: Page CBA-10) 4/6 C8924 R8827 6Y47/EYV 1000/J6 Y R8834 1500/J6 W Q8804 MSB709-RT2 VJR0098 TP8805 TP68801 108805 GND VJR0098 NJM0828M-T SYNC_LEVEL R8828 0/J6 18829 C8941 [P8933-138] >> TBC_Y_X (16) GHD_A C8835 R8839 4V47/EVV 47/J6 1C8802 8BA7655AF-T C8809 V47/EVV Q8806 MSD60(-RT) C 1C8801 MC14577BFR 8 R8962 47/J6 3 R8968 2200/J6 R8806 ♥ 47/J6 PR VJR0098 ◎ TP8806 C8837 D. 1/UFN C8810 4V47/EYV WR8801 YR8804 2KB 3 IC8811 TC4S66FTE85R R8805 10K/J6 0,000 1,000 1,000 C8846 0.01/UFN R8845 •PAT/J6 C8822 50V1/EVV R8842 1200/J6 [P8933-11B] R8844 C8842 0/J6 0.1/UFN PB OUT VJR0096 ◎ TPB801 R8813 147/J6 C8816 4447/EVY CB839 PAT/UN PR_WOD_LEVEL TBC_BY_X C9813 777 O. 1/UFN TP8803 YJR0098 8816 47/J66 L8814 C8867 MSD601-R12 08808 8 BA7655AF-T C0923 4V47/EVV 112801 MC14577BFR & R6963_47/J6 PB 287/08 R8861 2808 47/J6 887/05 C8802/UH 7 CX RX 5 PR OUT © TP8804 VJR0098 10K/36 10K/36 C8940 R8983 R8870 1200/RE R8865 4700/J6 R6817 820/J6 L8804 C8817 56U/LA C9817 C8823 50VI/EVV R8822 L8803 470/J6 IBU/LA 2700/RE PB_WOO_LEVEL #8864 4700/46 150P/UK PR_LEVEL Y/PR_TIMING PB_LEVEL VR8810 QBBIO 2SAIO22-BCTW WROSIZ WPAT TIMING C8860 0.1/UFN, Q8817 MSC2295-BT2 A5V L8822 100U/LC PR BAL TOO C8903 82P/UN 1000/J6 R8889 R8885 0/J6 R8887 47/J6 108810 LM358PS 1C8806 W51272FP-73A C8858 Q8828 150K/J6 7// MSD601-RT R8921 1000/J6 97/0051 0.1/UFN \$626• 1 D8802 MA335-RTW ERTDZFHL102S TH8801 1000 1C8808 KC140538F-R L8812 A51 \$8822 WSC2295-BT2 27588 WSC2295-BT2 WSC229 - Week C8938 6V10/EVV R8966 47/J6 PAL PHASE PB BAL [P8933-25A]

TBC (2) CONNECTION SCHEMATIC DIAGRAM (E12: Page CBA-10) 5/6

		2] 3	···		4	1	5	
				TBC_2 P8933					
			qLV	P8933 3176B	100				
	CND A (4)		A	NO	В			(4)	
	ONU_A // (A)		D_GND	1	D_GND			(4) SOND_	A
	D3. 37 (4)		D5.5V A_GND	3	D5.5V A_GND			- (4) $<$ 05.5	
	_5v \ (4)		-5V	4	-5V			(4) GND -5V	A
	A5V (4)		- A5V	5	A5V			14) // ASV	
	AIZY / (A)		A12V	6	A12V			(4) A12V	
	GNU_A		GND	7	GND TOC DV(V)			(41 K 6ND_	A
	GND_A (4)		6ND 6ND	9	TBC_BY(X) TBC_RY(X)			(4) TBC_	DA A Ri'y
	CND 4 (4)		GND	10	GND			CND / CND	A .
	$GND_A > \frac{(4)}{(4)}$		GND	11	TBC_C(X)			$\xrightarrow{(A)}$ TBC_	C_X
	SNU_A / (A)		GND	12	GND			- CAN SHIP	A
	GND_A (4)		GND CHROMA_DC	13	TBC_Y(X)				
	, ,	•	CHROMA_DC	15	SDET_H		·	(3) >> SDET	н
	Y_DA_OUT > (4)		Y_DA_OUT	16	GND			$ \begin{array}{c} (3) \\ \hline (4) \\ \hline (4) \end{array} $ SDET $ \begin{array}{c} \text{SND} \\ \text{SND} \end{array} $	 A
	$GND_A > \frac{(4)}{(4)}$		GND	17	GND			CAL C GND_	A
	RT_UA_UUI		RY_DA_OUT	18	GND	***		LAI S PND	
	BY_DA_OUT (4) SND_A		BY_DA_OUT GND	19 20	GND GND			(4) GND_GND_	
	DEDN (13)		RFRM	21	VP			(3) Vp	^
	EQP (3)		EQP	22	VIP	·		(3) VIP	
	K4F3C / [3]		R4_FSC	23	GND			(3) GND	
	SET HIS DC [4]		NCBKI SET_UP_DC	24 25	FHS HD			(3) GND FHS	
	INCH EDIT / (3)		REC_FRM	26	SETUP			(4) SET_	UP
			COMPO_M(H)	27	HUE				
	COMPO_M_H (3)		ADV_I	28	RSYNC			RSYN	C
	ADV1		ADV_2	29 30	SYSTEM_H SYS_SC_FINE			SYSTI SC_F	EM_H
	TBC_FSC >> (3)		TBC_FSC		SYS_SC_COARSE_I			>\sc_c	INE DARSEL
			REF_IN(L)	32	SYS_SC_COARSE_2			(2) SC_C(OARSE2
	$ADV_SYNC > \frac{(3)}{}$		ADV_SYNC	33	REF_PALP			(3) SEF_I	PALP
	CND //(1)		INCOM_(N(L)	34 35	REF(X)			(1) // per 1	V 1 D C D
	GND (1) A124		AI2V	36	A12V			(1) REF_(1) A12V (1) A5V (1) A5V (1) A GNI	_טבט_
	45V / (1)		A5V	37	A5V			\longrightarrow A5V	
	-5V > (1) (1)		-5V	38	−5 ¥			-5Y	
			A_GND	39	A_GND			(1) <> a_GNI	D
	D5.5V (1)		D5.5V D GND	40 41	D5.5V D GND			DS. 50	Y
	20112		0_0110	42	5_010			// 50110	
				43					
				44					
				45 46					
				47					
				48					
				49					
1				50					

TBC (2) COMPARISON CHART (E12: Page CBA-10) 6/6

					=======================================	
\$REF\$	NTSC	PAL	ON	\$REF\$	NTSC	PAL
C8626	15P/UN	*PAT/UN	15P/UN	L8614	*PAT/LC	47U/LC
C8627	15P/UN	*PAT/UN	15P/UN	L8615	*PAT	VLP0133-T
C8646	*PAT/UFN	0.1/UFN	0.1/UFN	L8805	47U/LA	100U/LA
C8647	*PAT/UFN	0.1/UFN	0.1/UFN	L8813	27U/LA	15U/LA
C8648	*PAT/EVV	16V47/EVV	16V47/EVV	L8814	6R8U/LA	5R6U/LA
C8649	*PAT/UBN	0.01/UBN	0.01/UBN	L8815	5R6U/LA	6R8U/LA
C8650	*PAT/UFN	0.1/UFN	0.1/UFN	Q8826	*PAT	MSB709-RT2
C8651	*PAT/EVN	35V2R2/EVN	35V2R2/EVN	Q8829	*PAT	MSC2295-BT2
C8652	*PAT/UN	1000P/UN	1000P/UN	Q8830	*PAT	MSC2295-BT2
C8653	*PAT/UFN	0.1/UFN	0.1/UFN	Q8831	*PAT	XN6534-TW
C8654	*PAT/EVV	16V47/EVV	16V47/EVV	R8625	82K/J6	47K/J6
C8655	*PAT/UN	220P/UN	220P/UN	R8626	10K/J6	15K/J6
C8661	*PAT/UFN	0.1/UFN	Q.1/UFN	R8627	*PAT/J6	8200/J6
C8686	47P/UN	18P/UN	47P/UN	R8628	15K/J6	10K/J6
C8687	47P/UN	22P/UN	47P/UN	R8629	*PAT/J6	10K/J6
C8811	*PAT/UN	*PAT/UN	12P/UN	R8632	*PAT/J6	470/J6
C8812	*PAT/UN	*PAT/UN	12P/UN	R8633	*PAT/J6	47K/J6
C8817	*PAT/UN	*PAT/UN	12P/UN	R8634	*PAT/J6	1000/J6
C8818	*PAT/UN	*PAT/UN	12P/UN	R8635	47K/J6	*PAT/J6
C8824	18P/UN	33P/UN	18P/UN	R8636	*PAT/J6	22K/J6
C8825	*PAT/UN	*PAT/UN	12P/UN	R8637	*PAT/J6	1M/J6
C8826	100P/UN	220P/UN	100P/UN	R8675	0/J6	*PAT/J6
C8831	*PAT/UN	*PAT/UN	12P/UN	R8676	*PAT/J6	0/J6
C8834	*PAT/UN	*PAT/UN	12P/UN	R8701	*PAT/J6	0/J6
C8838	*PAT/UN	*PAT/UN	12P/UN	R8702	0/16	*PAT/J6
C8839	*PAT/UN	*PAT/UN	12P/UN	R8711	*PAT/J6	*PAT/J6
C8858	*PAT/UN	*PAT/UN	12P/UN	R8712	*PAT/J6	*PAT/J6
C8865	33P/UN	27P/UN	33P/UN	R8714	*PAT/J6	*PAT/J6
C8866	270P/UN	220P/UN	270P/UN	R8716	*PAT/J6	*PAT/J6
C8867	68P/UN	27P/UN	68P/UN	R8738	*PAT/J6	*PAT/J6
C8868	7P/UN	*PAT/UN	7P/UN	R8823	220/J6	270/J6
C8869	22P/UN	*PAT/UN	22P/UN	R8825	270/J6	220/J6
C8870	120P/UN	100P/UN	120P/UN	R8845	*PAT/J6	*PAT/J6
C8871	10P/UN	47P/UN	10P/UN	R8852	*PAT/J6	*PAT/J6
C8872	*PAT/UN	10P/UN	10P/UN	R8854	PAT/J6	PAT/J6
C8873	*PAT/UN	33P/UN	33P/UN	R8857	0/J6	PAT/J6
C8916	*PAT/UFN	0.1/UFN	0.1/UFN	R8858	*PAT/J6	*PAT/J6
C8917	*PAT/UFN	0.1/UFN	0.1/UFN	R8859	*PAT/J6	4700/J6
C8918	*PAT/UFN	0.1/UFN	0.1/UFN	R8927	0/J6	*PAT/J6
C8919	*PAT/UFN	0.1/UFN	0.1/UFN	R8928	*PAT/J6	10K/J6
C8925	*PAT/UN	10P/UN	10P/UN	R8929	*PAT/J6	390/J6
D8602	*PAT	MA151K-TW	MA151K-TW	R8930	*PAT/J6	180/J6
1C8610	*PAT	NJM082BM-T1	NJM082BM-T1	R8931	*PAT/J6	330/J6
L8603	68U/LA	39U/LA	68U/LA	R8932	*PAT/J6	180/J6
L8613	*PAT/LC	47U/LC	47U/LC	R8933	*PAT/J6	10K/J6

CBA-10) 5/6

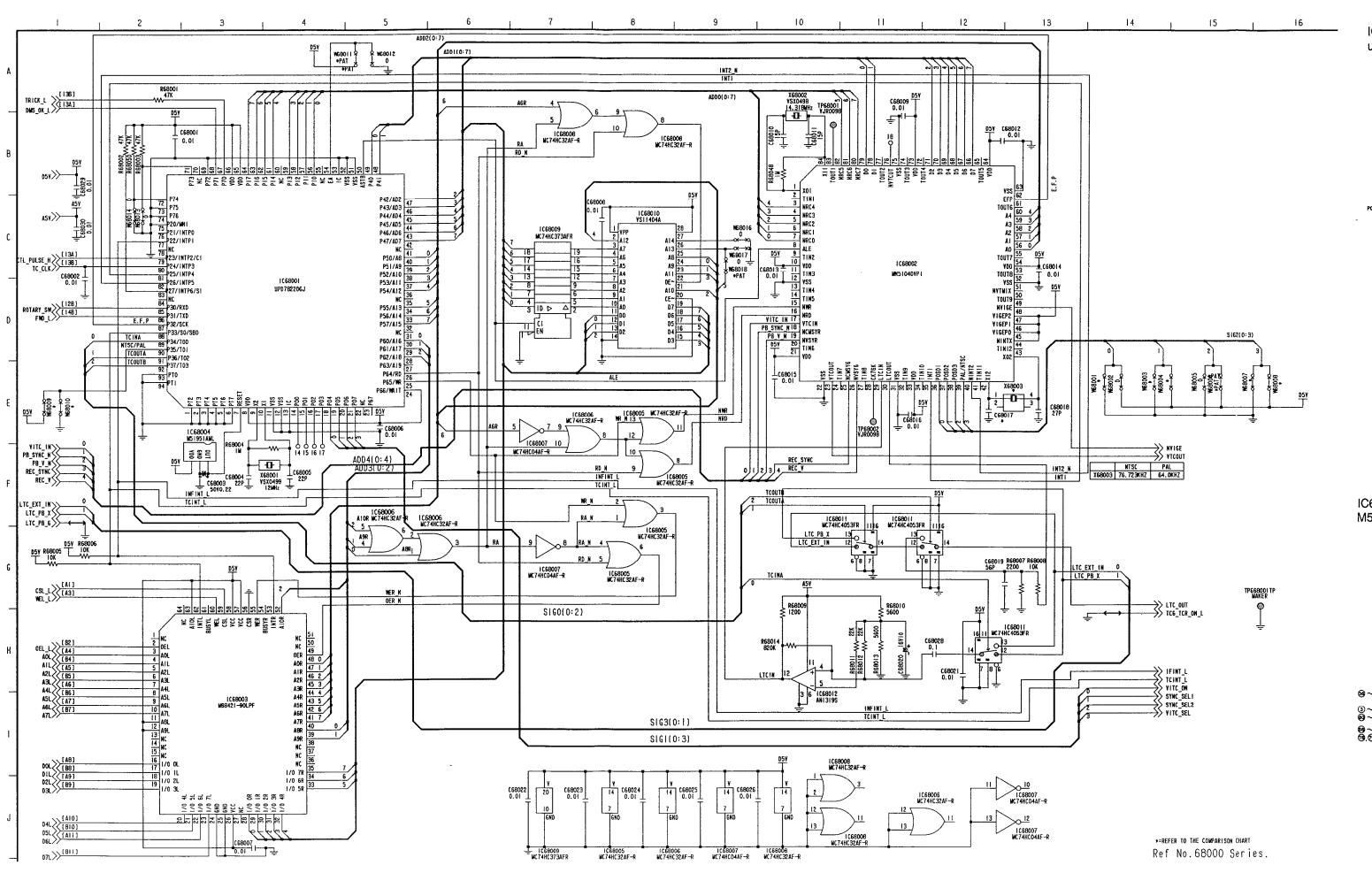
TBC (2) COMPARISON CHART (E12: Page CBA-10) 6/6

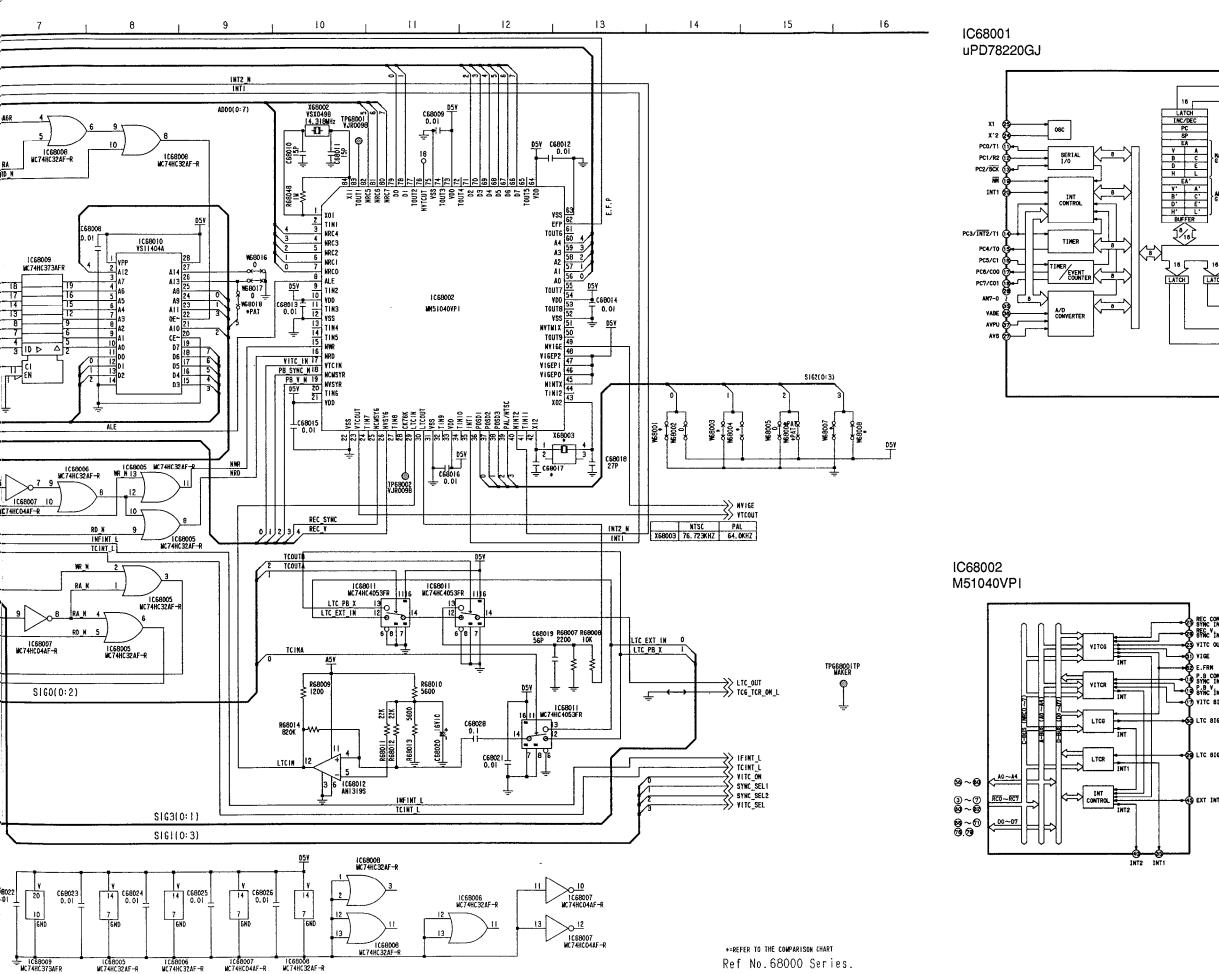
(4) // aug. 1
GND_A
(4) SD5.5V
(4) × A5V
{4} \\ _________\
(4) SND A
141.
18C_BY_X
TBC_RY_X
(4) GND_A
(4) TBC_C_X
———— < GND Δ
(4) TBC Y X
//
SDET H
141/// ~
(4) SOND_A
(4) S GND_A
(4) SOND_A
(4) SOND_A
(3) VP
(3) VIP
(SND
(3) FHS
//1110
(4) // oct up
SET_UP
(3) RSYNC
SYSTEM_H
SC COARSEI
SC COARSE2
REF PALP
// ((c) _1 Ac)
(1) << REF_VIDEO_X
111
(1) A12V
(1) < A5V
———→>A 6ND
(1) D5.5V
(1) << 00.01

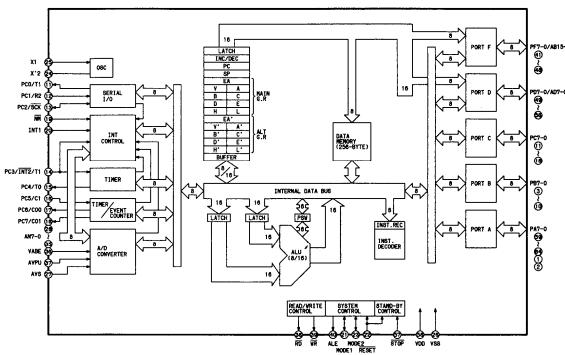
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C8626	15P/UN	*PAT/UN	15P/UN	L8614	*PAT/LC	47U/LC	47U/LC
C8627	15P/UN	*PAT/UN	15P/UN	L8615	*PAT	VLP0133-T	VLP0133-T
C8646	*PAT/UFN	0.1/UFN	0.1/UFN	L8805	47U/LA	100U/LA	47U/LA
C8647	*PAT/UFN	0.1/UFN	0.1/UFN	L8813	27U/LA	15U/LA	27U/LA
C8648	*PAT/EVV	16V47/EVV	16V47/EVV	L8814	6R8U/LA	5R6U/LA	6R8U/LA
C8649	*PAT/UBN	0.01/UBN	0.01/UBN	L8815	5R6U/LA	6R8U/LA	5R6U/LA
C8650	*PAT/UFN	0.1/UFN	0.1/UFN	Q8826	*PAT	MSB709-RT2	MSB709-RT2
C8651	*PAT/EVN	35V2R2/EVN	35V2R2/EVN	Q8829	*PAT	MSC2295-BT2	MSC2295-BT2
C8652	*PAT/UN	1000P/UN	1000P/UN	Q8830	*PAT	MSC2295-BT2	MSC2295-BT2
C8653	*PAT/UFN	0.1/UFN	0.1/UFN	Q8831	*PAT	XN6534-TW	XN6534-TW
C8654	*PAT/EVV	16V47/EVV	16V47/EVV	R8625	82K/J6	47K/J6	82K/J6
C8655	*PAT/UN	220P/UN	220P/UN	R8626	10K/J6	15K/J6	10K/J6
C8661	*PAT/UFN	0.1/UFN	Q.1/UFN	R8627	*PAT/J6	8200/J6	8200/J6
C8686	47P/UN	18P/UN	47P/UN	R8628	15K/J6	10K/J6	15K/J6
C8687	47P/UN	22P/UN	47P/UN	R8629	*PAT/J6	10K/J6	10K/J6
C8811	*PAT/UN	*PAT/UN	12P/UN	R8632	*PAT/J6	470/J6	470/J6
C8812	*PAT/UN	*PAT/UN	12P/UN	R8633	*PAT/J6	47K/J6	47K/J6
C8817	*PAT/UN	*PAT/UN	12P/UN	R8634	*PAT/J6	1000/J6	1000/J6
C8818	*PAT/UN	*PAT/UN	12P/UN	R8635	47K/J6	*PAT/J6	47K/J6
C8824	18P/UN	33P/UN	18P/UN	R8636	*PAT/J6	22K/J6	22K/J6
C8825	*PAT/UN	*PAT/UN	12P/UN	R8637	*PAT/J6	1M/J6	1M/J6
C8826	100P/UN	220P/UN	100P/UN	R8675	0/J6	*PAT/J6	0/J6
C8831	*PAT/UN	*PAT/UN	12P/UN	R8676	*PAT/J6	0/J6	0/J6
C8834	*PAT/UN	*PAT/UN	12P/UN	R8701	*PAT/J6	0/J6	0/J6
C8838	*PAT/UN	*PAT/UN	12P/UN	R8702	0/J6	*PAT/J6	0/J6
C8839	*PAT/UN	*PAT/UN	12P/UN	R8711	*PAT/J6	*PAT/J6	0/J6
C8858	*PAT/UN	*PAT/UN	12P/UN	R8712	*PAT/J6	*PAT/J6	0/J6
C8865	33P/UN	27P/UN	33P/UN	R8714	*PAT/J6	*PAT/J6	0/J6
C8866	270P/UN	220P/UN	270P/UN	R8716	*PAT/J6	*PAT/J6	0/J6
C8867	68P/UN	27P/UN	68P/UN	R8738	*PAT/J6	*PAT/J6	0/J6
C8868	7P/UN	*PAT/UN	7P/UN	R8823	220/J6	270/J6	220/J6
C8869	22P/UN	*PAT/UN	22P/UN	R8825	270/J6	220/J6	270/J6
C8870	120P/UN	100P/UN	120P/UN	R8845	*PAT/J6	*PAT/J6	0/J6
C8871	10P/UN	47P/UN	10P/UN	R8852	*PAT/J6	*PAT/J6	0/J6
C8872	*PAT/UN	10P/UN	10P/UN	R8854	PAT/J6	PAT/J6	0/J6
C8873	*PAT/UN	33P/UN	33P/UN	R8857	0/J6	PAT/J6	0/J6
C8916	*PAT/UFN	0.1/UFN	0.1/UFN	R8858	*PAT/J6	*PAT/J6	0/J6
C8917	*PAT/UFN	0.1/UFN	0.1/UFN	R8859	*PAT/J6	4700/J6	4700/J6
C8918	*PAT/UFN	0.1/UFN	0.1/UFN	R8927	0/J6	*PAT/J6	0/J6
C8919	*PAT/UFN	0.1/UFN	0.1/UFN	R8928	*PAT/J6	10K/J6	10K/J6
C8925	*PAT/UN	10P/UN	10P/UN	R8929	*PAT/J6	390/J6	390/J6
D8602	*PAT	MA151K-TW	MA151K-TW	R8930	*PAT/J6	180/J6	180/J6
1 C8610	*PAT	NJM082BM-T1	NJM082BM-T1	R8931	*PAT/J6	330/J6	330/J6
L8603	68U/LA	39U/LA	68U/LA	R8932	*PAT/J6	180/J6	180/J6
L8613	*PAT/LC	47U/LC	47U/LC	R8933	*PAT/J6	10K/J6	10K/J6

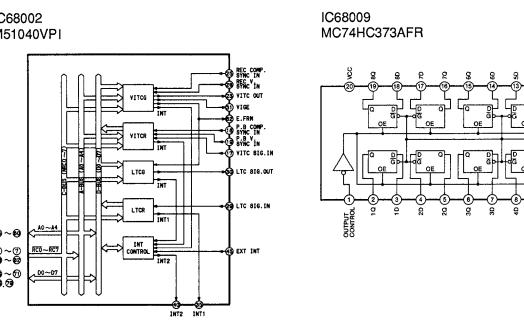
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R8934	*PAT/J6	22K/J6	22K/J6
R8935	*PAT/J6	22K/J6	22K/J6
R8936	*PAT/J6	22K/J6	22K/J6
R8937	*PAT/J6	47/J6	47/J6
R8938	*PAT/J6	1500/J6	1500/J6
R8939	*PAT/J6	390/J6	390/J6
R8977	*PAT/J6	5600/J6	5600/J6
R8978	*PAT/J6	5600/J6	5600/J6
R8981	*PAT/J6	*PAT/J6	10K/J6
VC8801	*PAT	20P	ECV1ZW20X60
VR8604	*PAT	5KB	EVN32CA00B53
VR8809	*PAT	1KB	EVN32CA00B13
VR8812	*PAT	*PAT	EVM7JSW30B13
VR8813	≉PAT	*PAT	EVM7JSW30B13
X8601	VSX0338	VSX0270	VSX0338
X8602	*PAT	VSX0567	VSX0567
X8671	VSX0081	VSX0114	VSX0081

TIME CODE-1 SCHEMATIC DIAGRAM (E10: Page CBA-13) 1/3

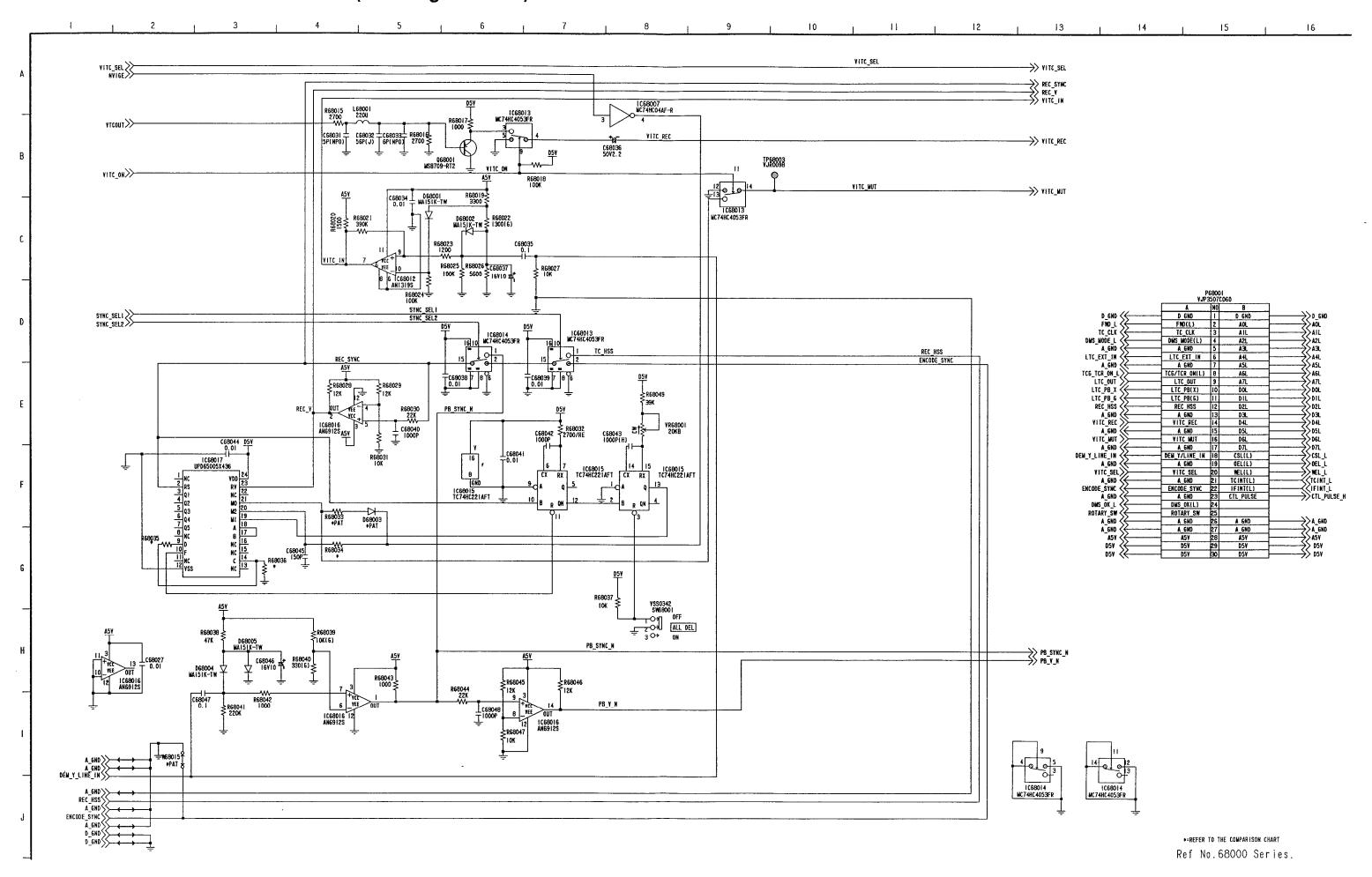


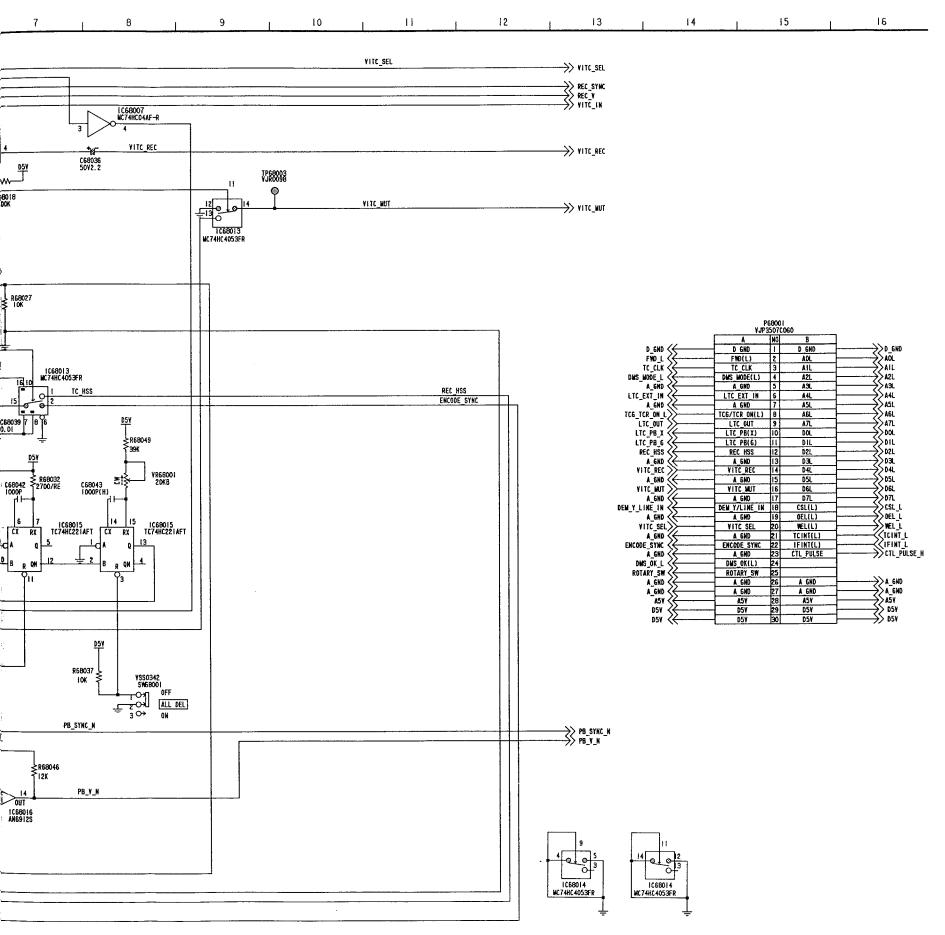






TIME CODE-2 SCHEMATIC DIAGRAM (E10: Page CBA-13) 2/3

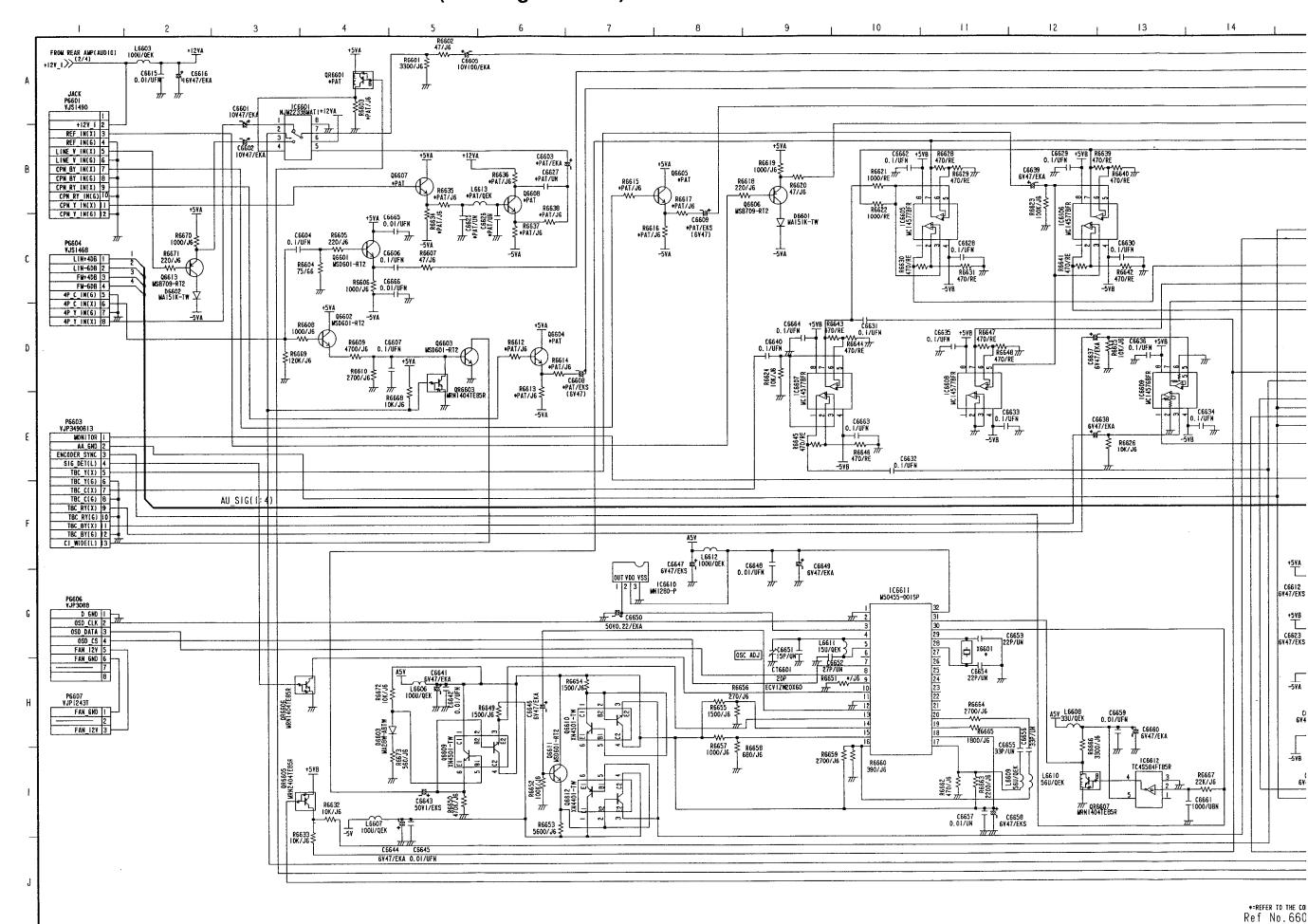




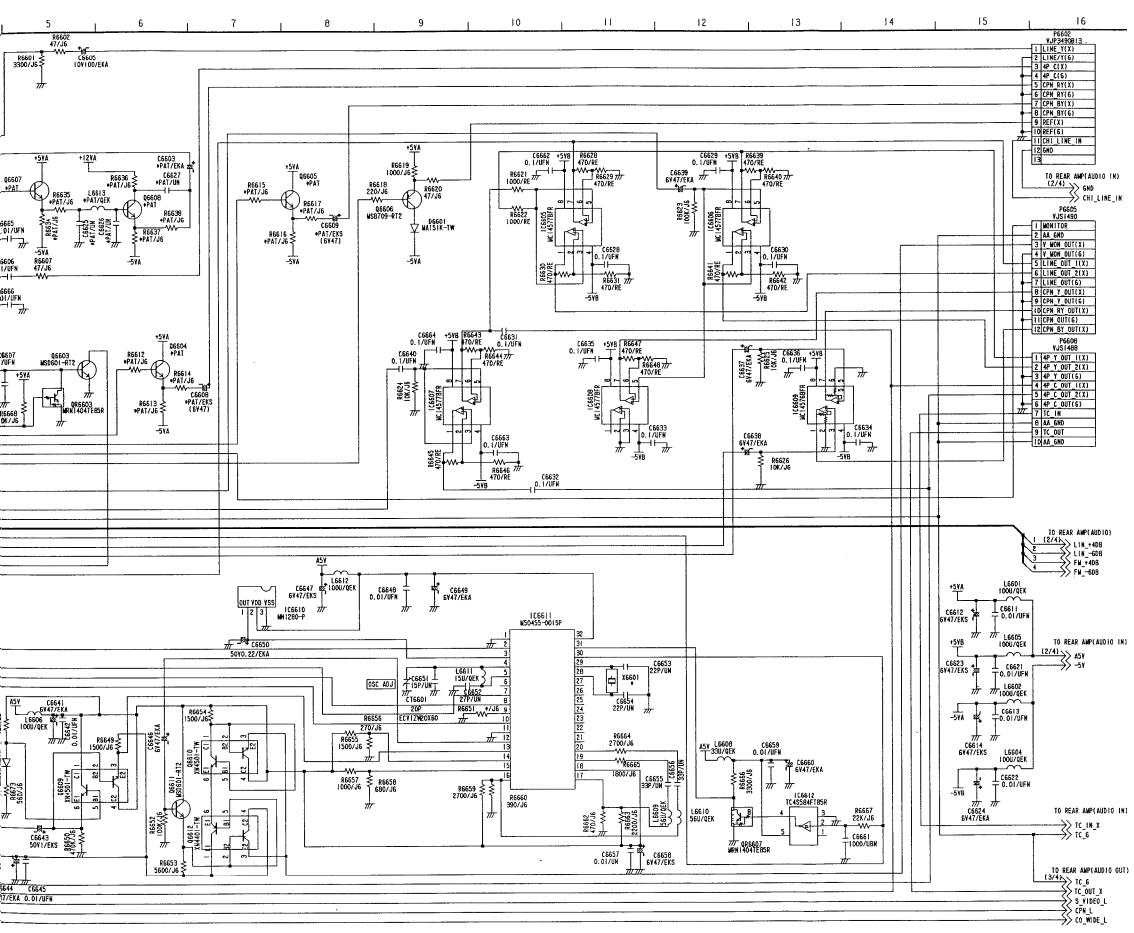
•=REFER TO THE COMPARISON CHART Ref No.68000 Series.

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\$REF\$	NTSC	PAL	ON
C68017	18P/UN	22P/UN	18P/UN
D68003	*PAT	*PAT	MA151K-TW
R68033	*PAT/J6	*PAT/J6	10K/J6
R68034	15K/RE	18K/RE	15K/RE
R68035	*PAT/J6	10K/J6	10K/J6
R68036	10K/J6	*PAT/J6	10K/J6
W68001	0/J6	*PAT/J6	0/J6
W68002	*PAT/J6	0/J6	0/J6
W68003	0/J6	*PAT/J6	0/J6
W68004	*PAT/J6	0/J6	0/J6
W68006	*PAT/J6	*PAT/J6	0/J6
<u>W68007</u>	0/J6	*PAT/J6	0/J6
W68008	*PAT/J6	0/J6	0/J6
W68009	0/J6	*PAT/J6	0/J6
W68010	*PAT/J6	0/J6	0/J6
W68011	*PAT/J6	*PAT/J6	0/J6
W68015	*PAT/J6	*PAT/J6	0/J6
W68018	*PAT/J6	*PAT/J6	0/J6
X68003	VSX0614-T	VSX0615-T	VSX0614-T

REAR AMP VIDEO SCHEMATIC DIAGRAM (E28: Page CBA-16) 1/4

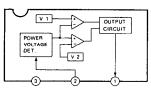


RAM (E28: Page CBA-16) 1/4

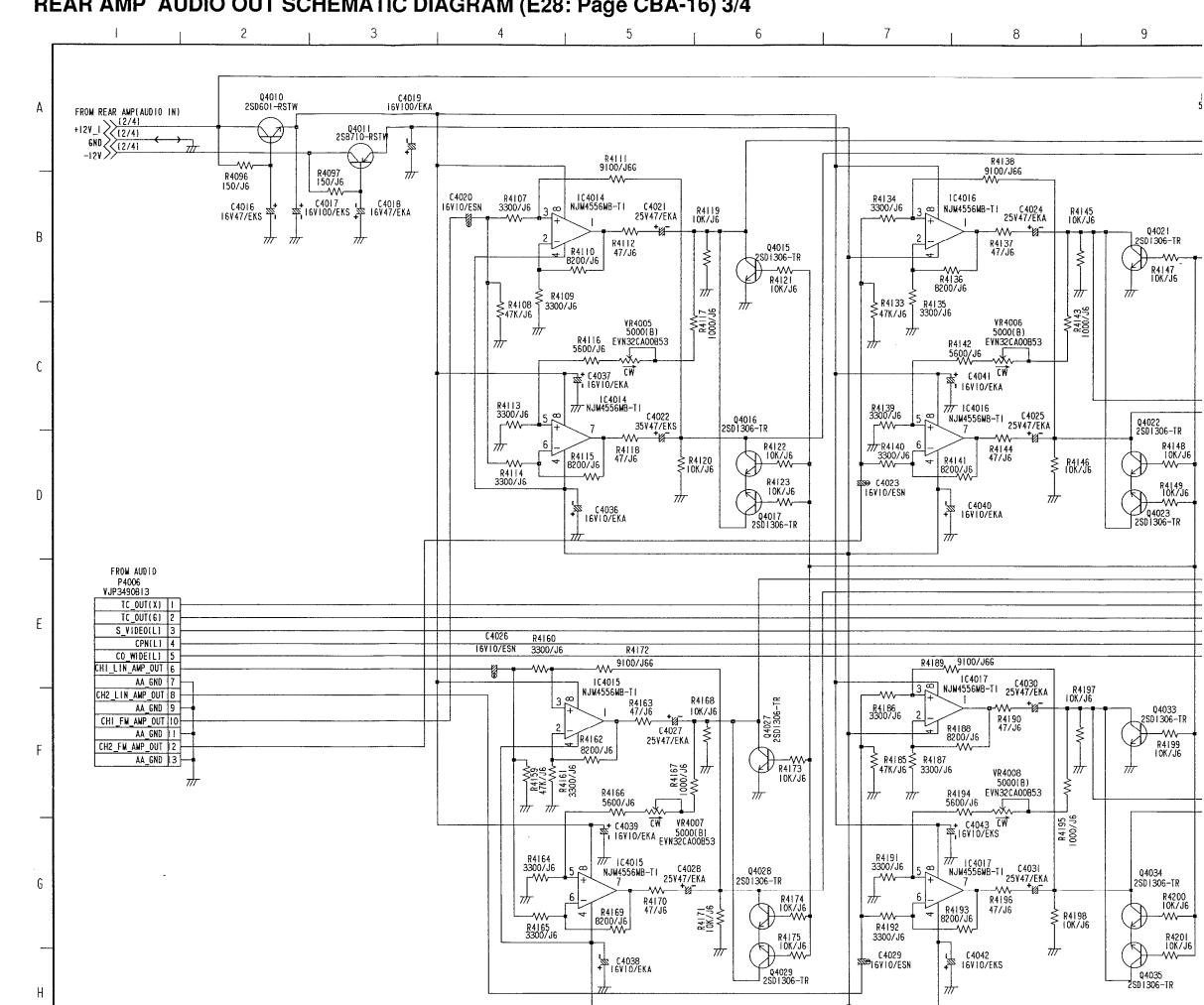


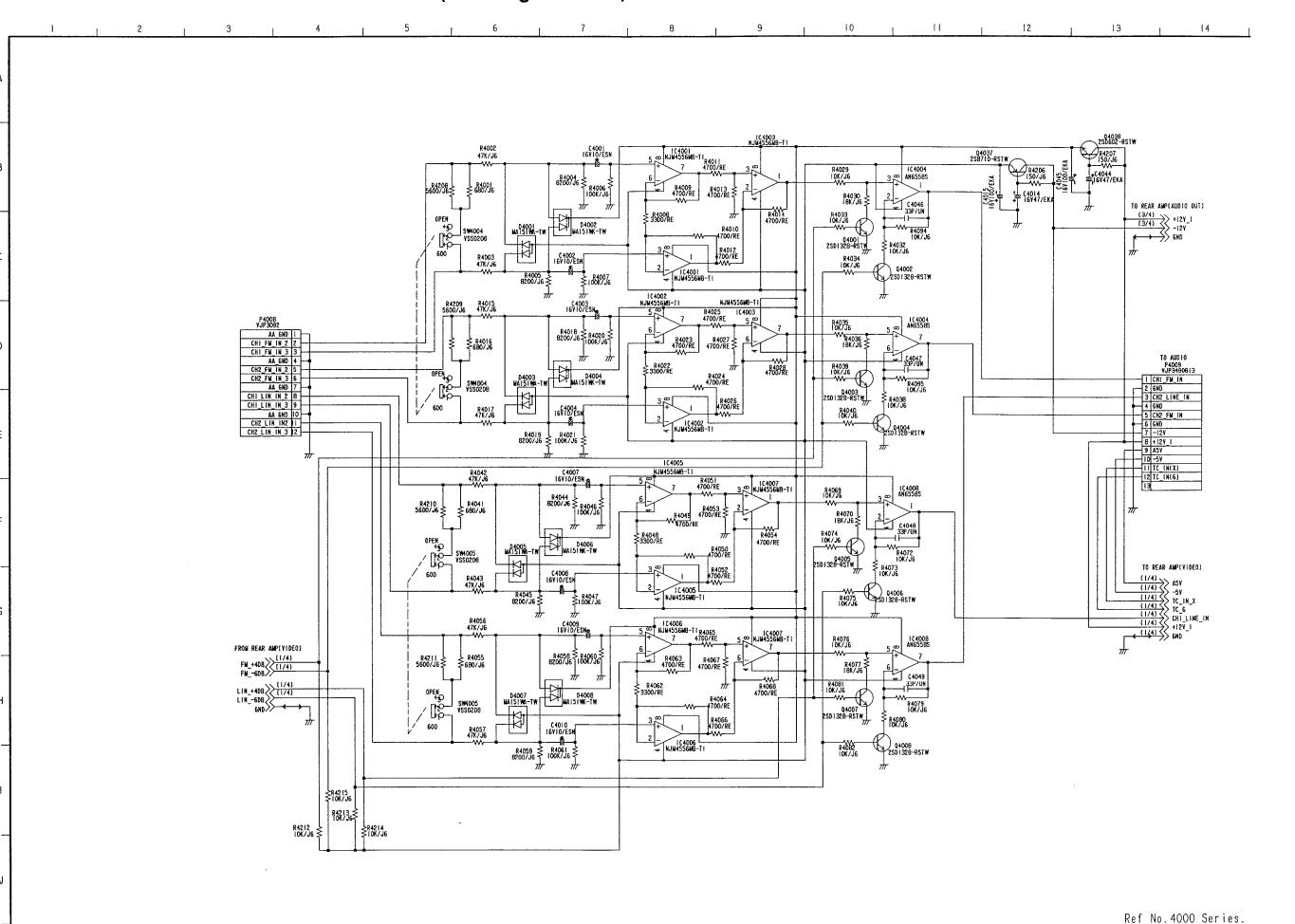
•=REFER TO THE COMPARISON CHART Ref No.6600 Series.

IC6610 MN1280-P



REAR AMP AUDIO OUT SCHEMATIC DIAGRAM (E28: Page CBA-16) 3/4



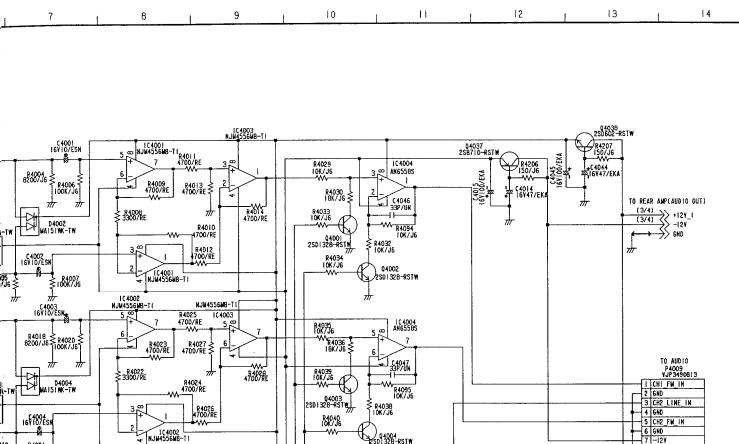


9PIN CONN

CBA-16) 2/4

R4063 4700/RE

R4058 \$ 84060 \$ 8200/J6 | 1008/J6



1C4008 AN6558S

₹ R4080 10X/J6

Ref No. 4000 Series.

TO REAR AMP(VIDEO)

T0 REAN ME ...

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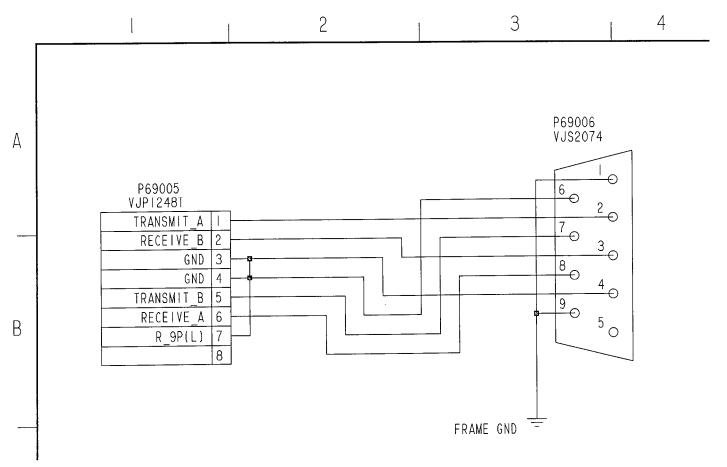
(1/4)

(1/4)

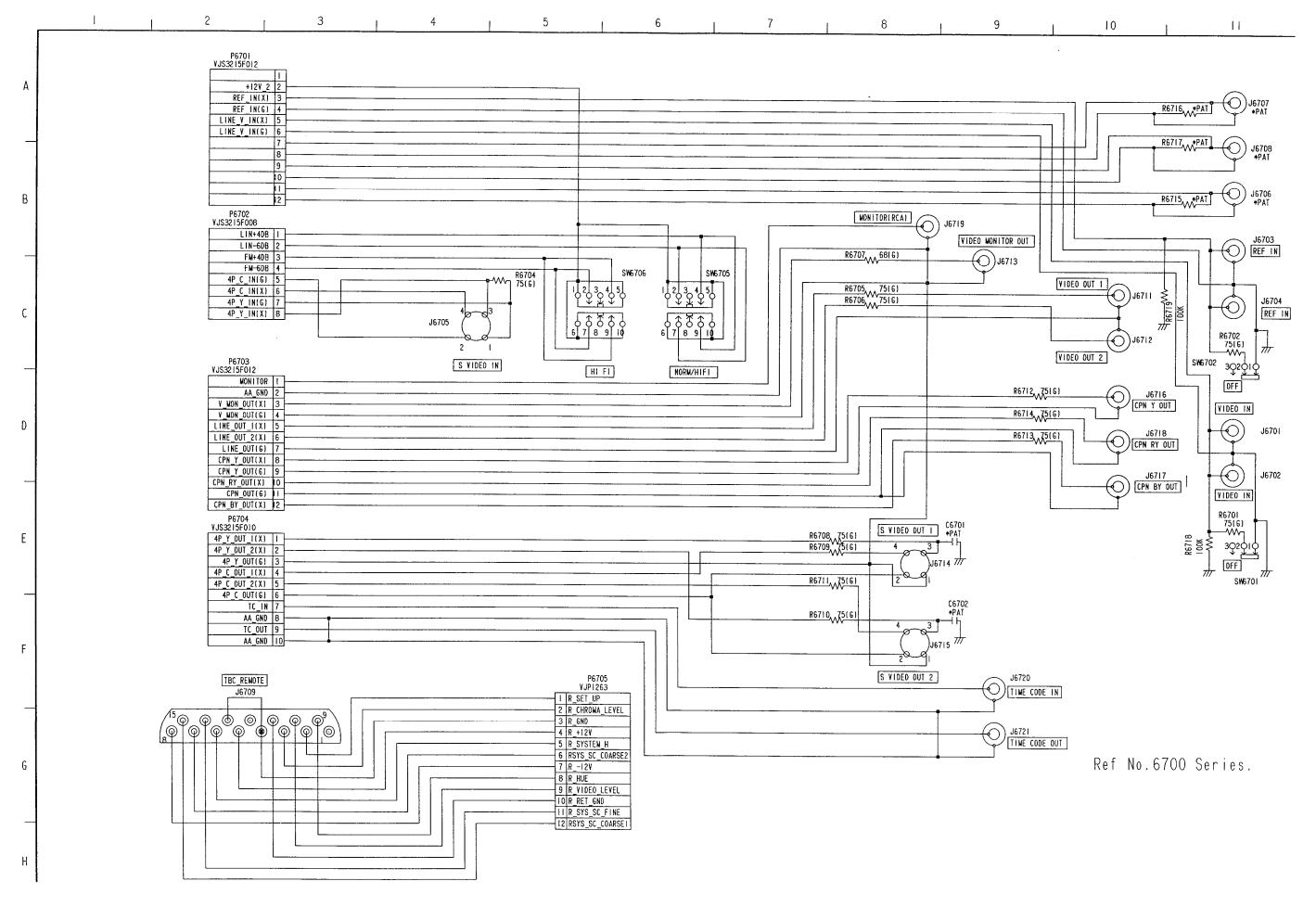
REAR AMP COMPARISON CHART (E28: Page CBA-16)

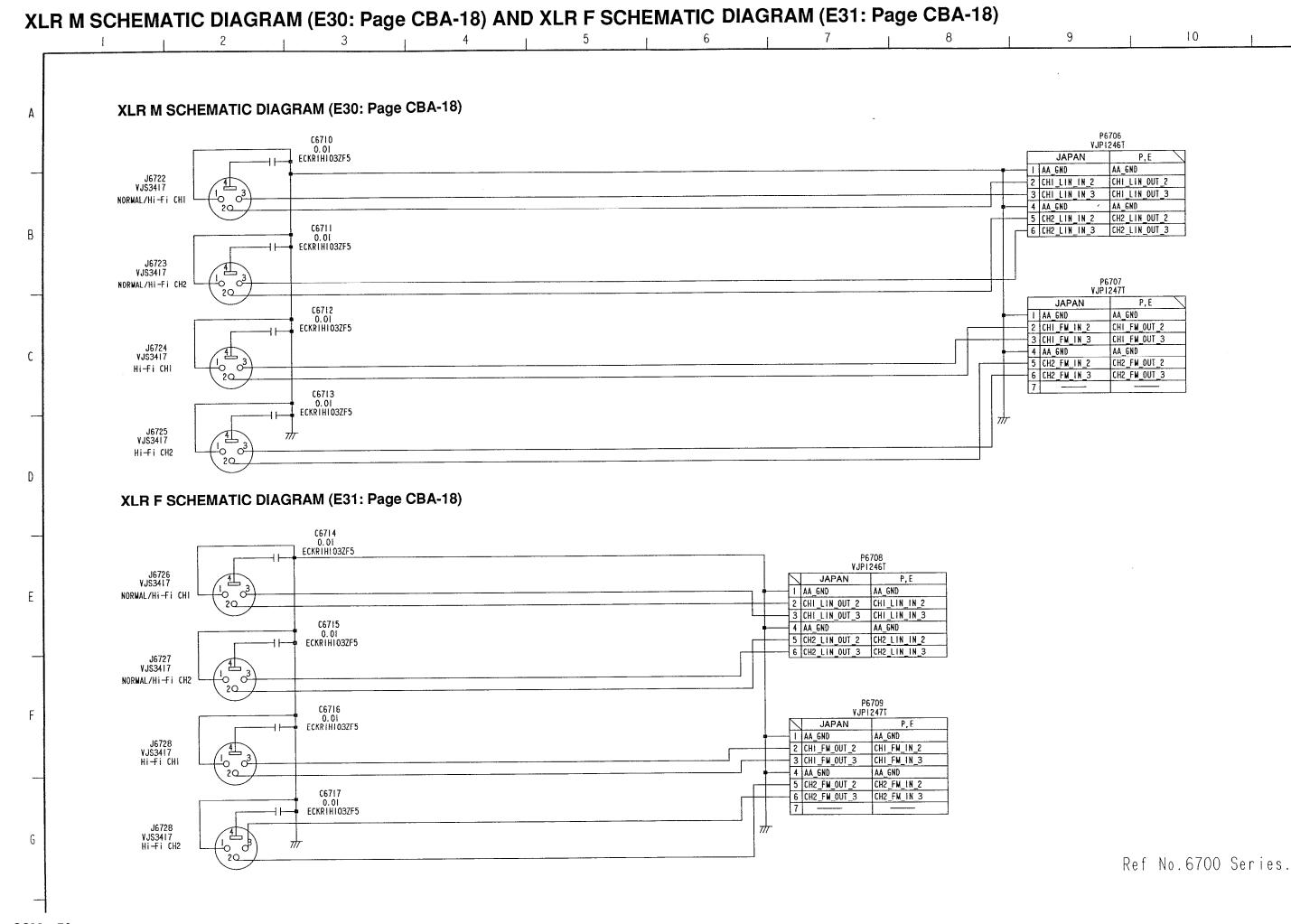
=========	==========		
\$REF\$	NTSC	PAL	ON
C6603	*PAT/EKS	*PAT/EKS	6V47/EKS
C6608	*PAT/EKS	*PAT/EKS	6V47/EKS
C6609	*PAT/EKS	*PAT/EKS	6V47/EKS
C6625	*PAT/UN	*PAT/UN	12P/UN
C6626	*PAT/UN	*PAT/UN	33P/UN
C6627	*PAT/UN	*PAT/UN	68P/UN
L6613	*PAT/QEK	*PAT/QEK	33U/QEK
Q6604	*PAT	*PAT	MSD601-RT2
Q6605	*PAT	*PAT	MSD601-RT2
Q6607	*PAT	*PAT	MSD601-RT2
46608	*PAT	*PAT	MSD601-RT2
QR6601	*PAT	*PAT	MRN2404TE85R
R6603	*PAT/J6	*PAT/J6	10K/J6
R6612	*PAT/J6	*PAT/J6	220/J6
R6613	*PAT/J6	*PAT/J6	1000/J6
R6614	*PAT/J6	*PAT/J6	47/J6
R6615	*PAT/J6	*PAT/J6	220/J6
R6616	*PAT/J6	*PAT/J6	1000/J6
R6617	*PAT/J6	*PAT/J6	47/J6
R6634	*PAT/J6	*PAT/J6	1000/J6
R6635	*PAT/J6	*PAT/J6	1000/J6
R6636	*PAT/J6	*PAT/J6	820/J6
R6637	*PAT/J6	*PAT/J6	820/J6
R6638	*PAT/J6	*PAT/J6	1000/J6
R6651	*PAT/J6	0/J6	0/J6
X6601	VSX0197	VSX0316	VSX0197

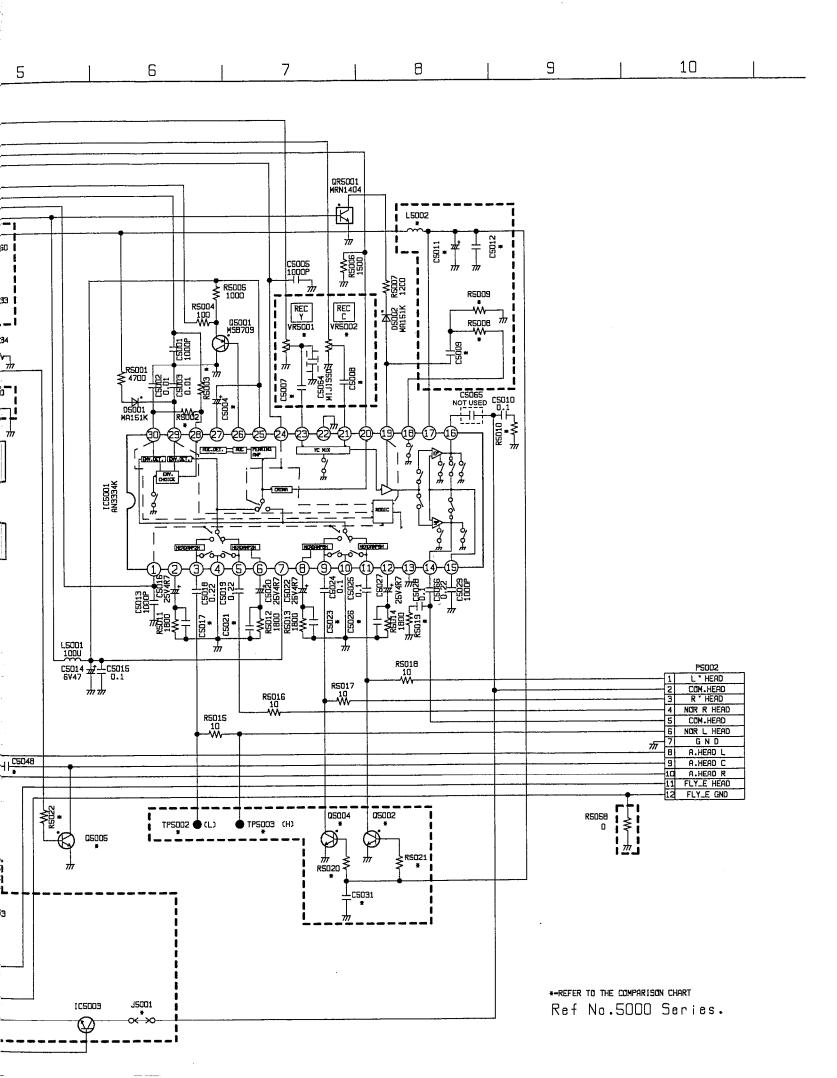
9PIN CONNECT SCHEMATIC DIAGRAM (E33: Page CBA-13)



REAR JACK SCHEMATIC DIAGRAM (E29: Page CBA-15)

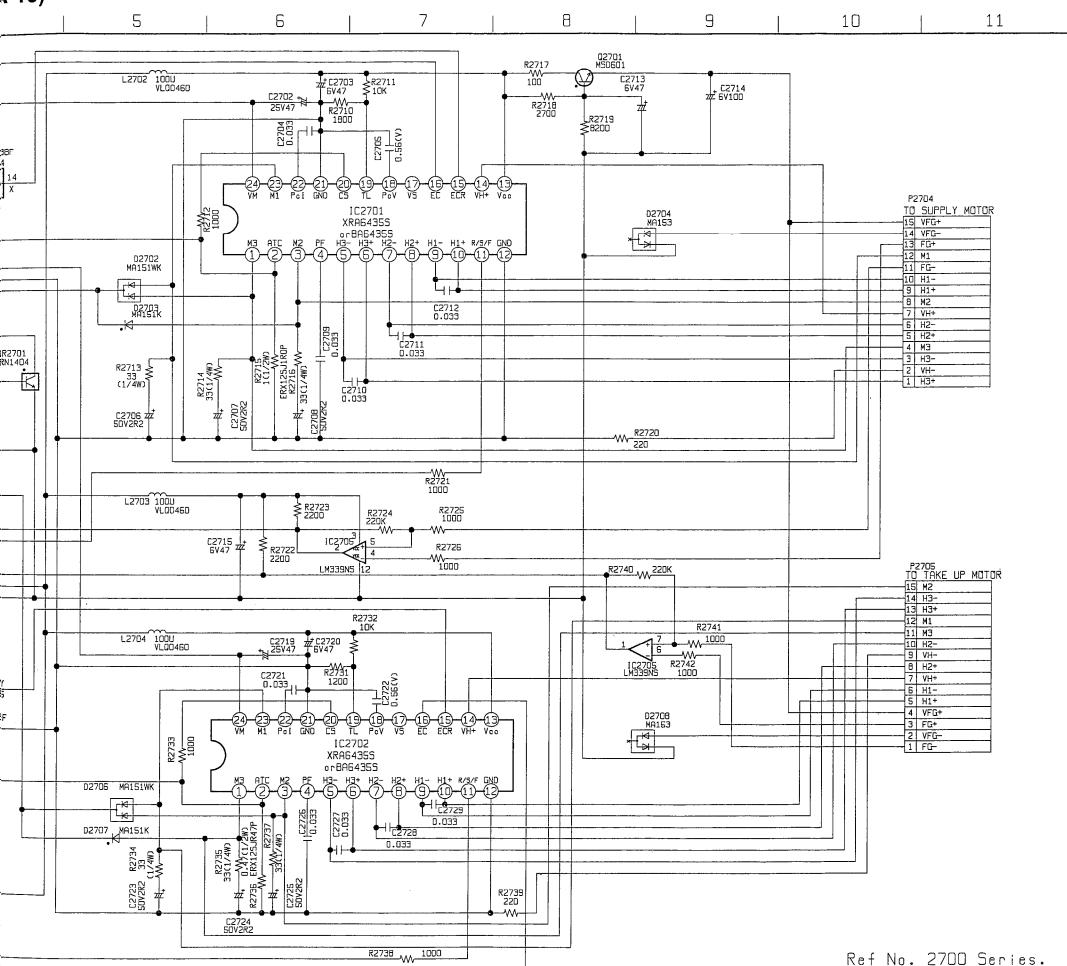




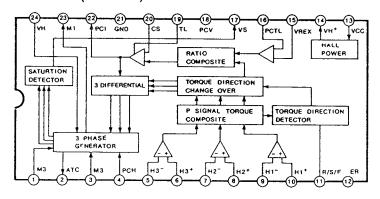


C5004	NTSC 50VO.1	PAL 50V0.1
C5006	0.01	0.01
C5007	0.01	0.01
C5008	0.01	0.01
C5009	1800P(J)(NP0)	
C5011	16722	16V22
C5012	0.047 8P	0.047 8P
C5017 C5021	8P	BP BP
C5023	2P	2P
C5026	2P	2P
C5030	0.01	0.01
C5031	0.1	0.1
C5032	0.1	0.1
C5033	0.1	0.1 1000P(K)
C5034	1000P(K) 6V47	5V47
C5035 C5036	0.01	0.01
C5037	0.01(K)	0.01(K)
C5038	0.01(K)	0.01(K)
C5039	0.01	0.01
C5040	0.01	0.01
C5042	50V1	50V1
C5043	470P	470P
CS044	100P	100P 100P
C504S	100P 470P	470P
C5046 C5047	50V1	50V1
CSD48	0.0047	0.0047
C5056	0.01	0.01
CS057		
C5058		
C5059		====
C5060		+===
C5061 C5062		+===
C5063		
05004	MA151K-TW	MA151K-TW
ICS002	8A7740F5	BA7740FS
105003		
J5001		
L5002	1000	1000
L5003	1000	100U 100U
L5004 L5007	1000	1000
L5008		
P5003	VJP3091	VJP3091
05002	2SC2295	25C2295
05003	XN4504-TW	XN4504-TW
05004	25C2295	25C2295
05005 R5002	25C2295	25C2295 680K
R5003	0	22K
R5003	2200	- ELIN
R5009	470	470
R5010	1	i
R5019	390	330
R5020	3300	9300
RS021	3300	3300
R5022	1500	1500
R5026	334	0 33K
RS027 RS028	33K 24K(G)	24K(G)
R5029	27K(G)	27K(G)
R5030	390	390
R5031	10K	10K
RS032	47K	47K
R5033	27K	27K
R5034	15K	15K 3300
RS036	1500	1500
RS037 RS038	1500	1500
RS039	3300	3300
R5040	220(1/4W)	220 (1/4W)
R5041	18	18
R5042	10	10
RS043	10	10
R5044	10K	10K
RS045	10K	10K 470
RS046 RS047		470
RS056		1.3
	+	T
	- 	47K
R5057 R5059	47K	
RS057	47K	
R5057 R5059	47K	0
R5057 R5059 R5060	0 220(1/4W)	220(1/4W)
RS057 RS059 RS060 RS061 RS062 RS070	0 220(1/4W)	220(1/4W) 0
RS057 RS059 RS060 RS061 RS062 RS070 TPS001	0 220(1/4W) 0 VJR0098	220(1/4W) 0 VJR0098
RS057 RS059 RS060 RS061 RS062 RS070 TPS001 TPS002	0 220(1/4W) 0 VJR0098 VJR0098	220(1/4W) 0 VJR0098 VJR0098
RS057 RS059 RS060 RS061 RS062 RS070 TPS001	0 220(1/4W) 0 VJR0098	220(1/4W) 0 VJR0098

\-18)

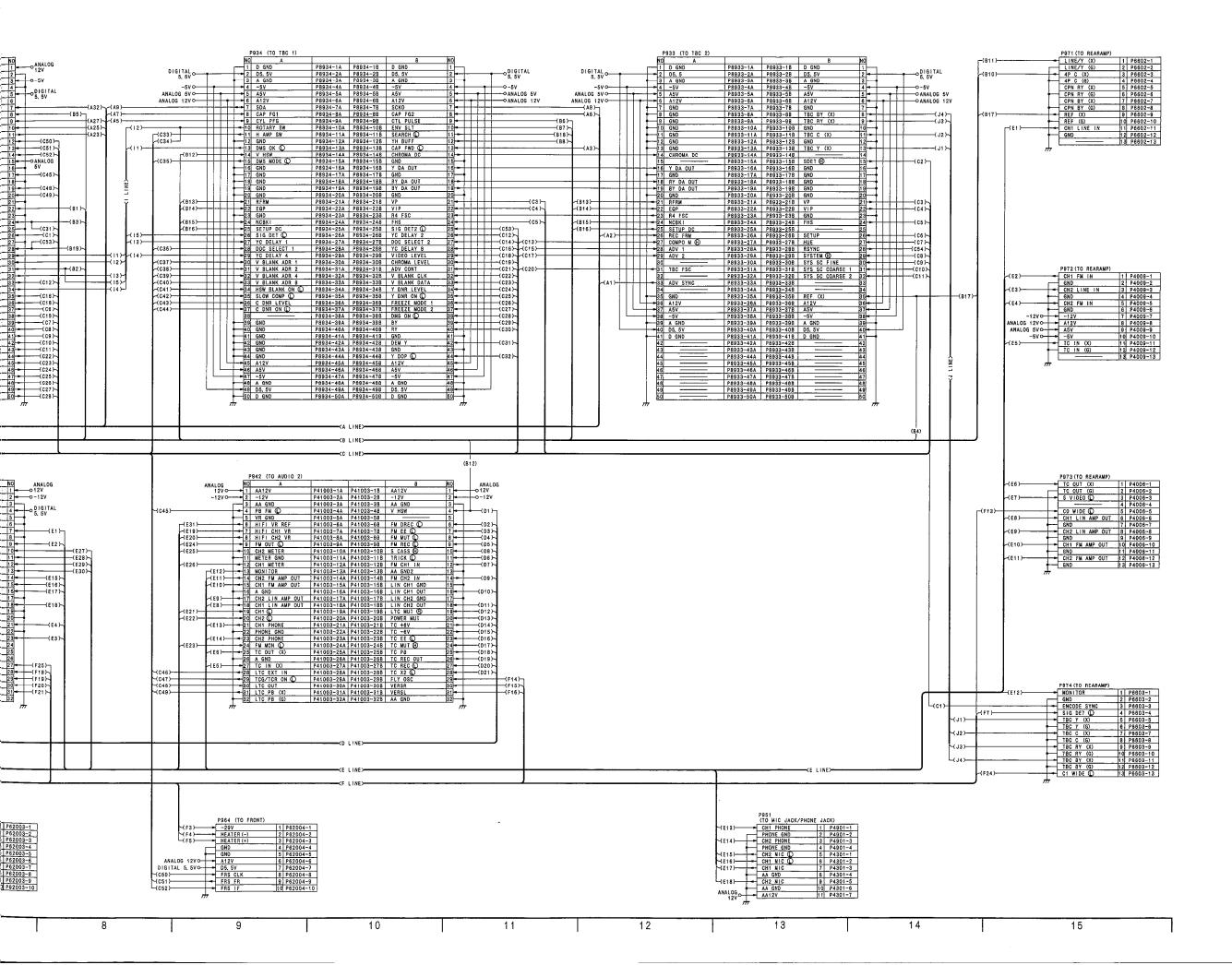


IC2701,2702 XRA6435S(BA6435S)

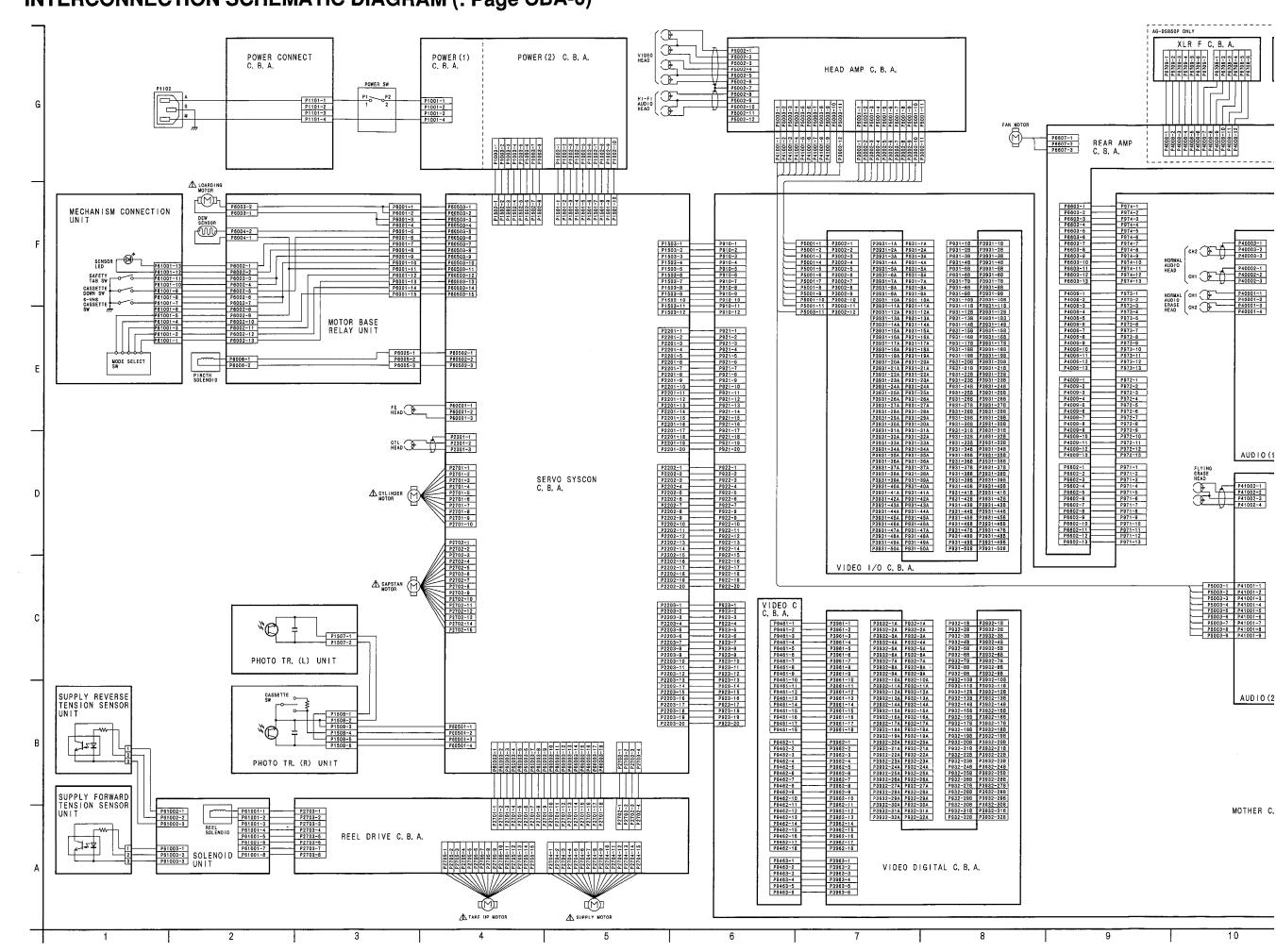


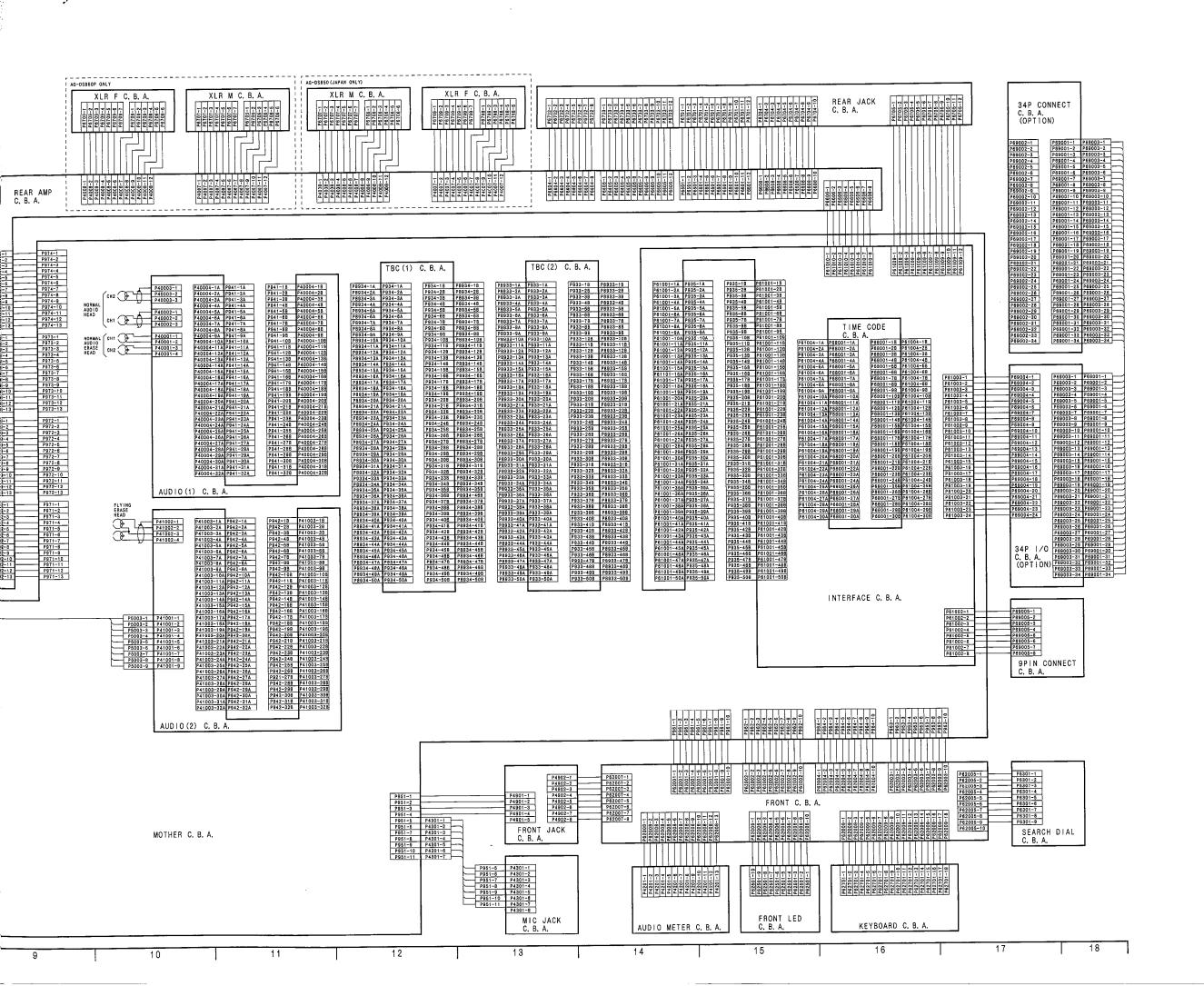
MOTHER SCHEMATIC DIAGRAM (E4: Page CBA-4)

вl	P2201-1 1 TRAC VR (+)	(F1)	٦			P931 (TO VIDEO		В	NO				į į	P935 (TO INTERFA	CE)		В	No				
٦	P2201-1 11 78AC VR (+) P2201-2 2 TRAC VR (-) P2201-3 3 -29V P2201-4 4 HEATER (-) P2201-5 5 HEATER (+)	(F2) (F3) (F4) (F5)			DIGITAL C	1 D GND 2 D5. 5V	P3931-1A P393 P3931-2A P393 P3931-3A P393	1-28 D5, 5V	2 DIGI	TAL		(A33)—	<u> </u>	34P+12V A GND -12V	P61001-2A	P61001-1B P61001-2B P61001-3B	A GND -6V	1 - ANALOG 12V 2 5V	i			DIGITAL 5. 5V
4	P2201-6 8 ADV \$YNC P2201-7 7 P2201-8 8 REC FRM P2201-9 9 CAP FWD ⊕ P2201-10 10 CT. PULSE	A2) A3) A4)				5 6 7 8 9 9		1-5B SEARCH () 1-6B CLAMP REF 1-7B SIG DET2 ()	5 6 7 7 8 9	(B18) (B19)	-(B6)	(A30) (A28)	→ 6 7 8	-12V D GND D5, 5V	P61001-8A P61001-7A P61001-8A	P61001-48 P61001-58 P61001-68 P61001-78 P61001-88 P61001-98	FAN (-) CO WIDE ()	4 5 0 DIGITA 5. 5V	(B5)	A32) (A9) (A7) A27) (A5)	A AN	-5V C NALOG 5V C NALOG 12V C
	P2201-12 12 CAP FG2 P2201-13 13 CAP FG1 P2201-14 14 SCKO	A5) A6) A7) A8) A9)	(F7)—	(B1) (B2)		10 11 12 TRICK © 13 VITC REC 14 15 SIG DET ©	P3931-DA P393 P3931-10A P393 P3931-11A P393 P3931-11A P393 P3931-13A P393 P3931-14A P393 P3931-14A P393	I-13B VITC MUT	10 11 - 12 13 14		(A13)	(A22) (A4) (A11) (A24) (A29)	11 11 11 11 NALOG	TE SW CO CTL PUESE DWS MODE CO TC CLK FWD CO	P61001-10A P61001-11A P61001-12A P61001-13A P61001-14A	P61001-10B P61001-11B P61001-12B P61001-138 P61001-148 P61001-158	SYS SYS SYS IF FRS CLK FRS FR FRS IF	110 - (C50) 111 - (C51) 13 - (C51) 14 - (C52) 15 - OANALOG		A25)	(03	33)
=	P2201-17 17 A OATA P2201-18 18 B/W \(\Pi \) P2201-19 19 COLOR \(\Pi \) P2201-20 20 TRICK \(\Pi \)	(F26) (F9) (F10)	(F8)—	[(A1!	(H1)	16 T METER 17 GND 18 LNC Y 19 A DUB () 20 21 GND 22	P3931-18A P393 P3931-19A P393 P3931-20A P393 P3931-21A P393 P3931-22A P393	-158 GND -168 GND -178 S VHS SW © -188	16 17 18 19 20 21 22	4)		(C35) (C417) (C33)	5V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M. NORMAL (1) TI SW (2) CTL PULSE DWS MODE (1) TC CLK FWD (2) A5V A GND LIT EXT IN A GND TGG/TCR ON (2) REC HSS A GNO VITC MUT A GND	P61001-16A P61001-17A P61001-18A P61001-19A P61001-20A P61001-21A P61001-22A	P61001-168 P61001-17B P61001-18B P61001-19B P61001-20B P61001-21B P61001-22B	A GND PB FM () A GND LTC OUT LTC PB (X) LTC PB (G) VITC REC	16 5V 17 (C45) 18 19 (C48) 20 (C49)		Y LINE		, (813 - (814
	PB22		-(F11)-	(83)	(H2) (H2B) (H3) (H4)	23 DEM Y 24 EDIT (P) 25 NC Y 26 GND 27 DA REC C 28 DMS MODE () 29 AGC LEVEL	P3931-23A P393 P3931-24A P393 P3931-25A P393 P3931-25A P393 P3931-27A P393 P3931-27A P393 P3931-28A P393	-24B ENV SLT -25B YH BUFF -26B	23 24 25 26 27 (H1)	; ⊢	(B9)-		22 25 26 27 28	A GND AGC VIDEO A GND HIG DET (D) HIG PB (D) HIG REC (D)	P61001-24A P61001-25A P61001-26A P61001-27A P61001-28A	P61001-27B P61001-28B	A GND ENCODE SYNC A GND SIG DET2 (D	23 24 25 (C31) 26 (C53) 27 (C53)	H I		15)-(C3	(B15 (B16
	P922 (TO SYSTEM CONTROL & SERVO) P2202-1 1 V EE ⊕ P2202-2 2 C HSW P2202-3 3 V HSW P2202-4 4 V REC ⊕ P2202-5 5 C REC ⊕ P2202-5 5 C REC ⊕			(A16	(87)	30 31 GND 32 YPA 33 REC HSS 34 SYNC	P3831-30A P383 P3831-31A P383 P3831-32A P383 P3831-33A P383 P3831-34A P383	-308 S CASS (F) -318 DA Y -328 S VIDEO (C) -338 RELAY (C) -348 H103 SYNC	32 33 34 (H11	r)(H18)	(A21)- (A31)- (A15)-		30 31 32 336) 33 34) 34	S VHS SW () EDIT (B) NORMAL (D) DOC SELECT 1 DOC SELECT 2	P61001-30A P61001-31A P61001-32A P61001-33A P61001-34A	P61001-29B P61001-30B P61001-31B P61001-32B P61001-338 P61001-348 P61001-358	ROTARY SW SIG DET ①	30 31 32 33 34 35 (C12)	+	(13)	(C3 (C3 (C4 (C4 (C4	18)
	P2202-6 B REC HSS	15) 16) 17) 18)	:	~(A10	(H10)	35 PB HSS 36 FSC 37 V HSW 38 B/W () 39 EE C 40 GND 41 AD V/RF Y 42 GND	P3931-35A P393 P3931-36A P393: P3931-37A P393: P3931-38A P393: P3931-38A P393: P3931-40A P393: P3931-41A P393: P3931-42A P393:	-37B CPW -38B VD SYNC -39B GND -40B AD C/RF C -41B EE SW D -42B SEP C	36 - (H2: 37 - (H2: 38 - (H2: 39 - (H2: 41 - (H2: 42 - (H2:	řř řř	(A18)-	111111	13) 36 115) 37 117) 38 121) 38 121) 40 154) 40	COMPO M (B) ADV 1 ADV 2 ADV CONT RSYNC SDET (B) V BLANK ADR 1	P61001-35A P61001-37A P61001-37A P61001-38A P61001-39A P61001-40A P61001-41A	P61001-368 P61001-378 P61001-388 P61001-398 P61001-408	SETUP CHROMA LEVEL HUE SYSTEM SYSTEM	36 - (C18) 37 - (C6) 38 - (C19) 39 - (C7) 40 - (C8)	11111		(C4	3)
	P2202-13 15 A CLK	22)	(B4)~		-5V ANALOGO ANALOGO ANALOGO ANALOGO ANALOGO ANALOGO 12V	# 0 GND # 1 AD V/RF Y # 2 GND # 3 SEP Y # 4 GND # 5 CPS V # 4 GND # 5 CPS V	P3931-44A P3931 P3931-44A P3931 P3931-45A P3931	-438 GND -448 4P C (X) -458 GND -468 LINE/Y (X) -478 GND -488 -5Y -488 A5V	43 44 45 46 47 48 50 50 50 777	(810)		(A20)	38) 43 39) 44 40) 45 41) 46 42) 47 43) 48 44) 49	COMP1 M (D) COMPO M (D) AOV 1 AOV 2 AOV CONT RSYNC SDET (D) V BLANK ADR 1 V BLANK ADR 2 V BLANK ADR 3 HSW BLANK ADR 3 SLOW COMP (D) C DNR ON (D) TBC ON (D)	P61001-43A P61001-44A P61001-45A P61001-46A P61001-47A P61001-47A P61001-48A P61001-49A P61001-50A	P61001-45B P61001-46B P61001-47B	SYS SC COARSE 1 SYS SC COARSE 2 V BLANK CLK V BLANK DATA Y DNR LEVEL Y DNR ON CP FREEZE MODE 1 FREEZE MODE 2 DMS ON C	45 (C23) 46 (C24) 47 (C25)				
			(85)	<u></u>					<i>'''</i>													
	P923 (TO SYSTEM CONTROL & SERVO) P2203-1 1 1 SYS SYS P2203-2 2 M NORMAL ⊕ ← (A2 P2203-3 3 SYS CLK ← (A2	26) 27)			(H13)	P932 (TO VIDEO NO A 1 CPS V 2 GND	DIGITAL) P3932-1A P3932 P3932-2A P392-2A P392-2A P392-2A P392-2A P392-2A P392-2A P392-2A P392-2A P392-2A	-2B A5V	NO ANALO 11 → 012V 2 → 0ANALO			1	ALOG NO	AA12V	P40004-1A P40004-2A	P40004-1B P40004-2B	-12V	NO ANALOG				
	P2203-4 4 M WIDE (C) P2203-5 5 CO WIDE (D) P2203-6 6 FWD (D) P2203-7 7 FLY OSC P2203-8 8 V ERSR P2203-9 9 V ERSL P2203-10 10 FM MSW P2203-11 11 A CLK	(F13)- (F14)- (F15)- (F16)- (F18)-			(H12) (H5) (H26) (H25) (H24) (H23) (H22)	NO A 1 CPS V 2 GND 3 SEP Y 4 DMS MODE Q 5 SEP C 6 EE SW Q 7 AD C/RF C 8 GND 9 VD SYNC 111 TMR CLK 121 FS1 13 H103 SYNC	P3932-3A P3932 P3932-4A P3932 P3932-5A P3932 P3932-6A P3932 P3932-7A P3932 P3932-9A P3932 P3932-9A P3932	-38 -5V -48 A GND -58 GND -68 AD V/RF V -78 GND -88 EE C -98 B/W C -108 V HSW	3 - 05V 4 - 5V 5 - (H11 7 - (H10 9 - (H10 11) - (H8 11) - (H8)- (F10)-		(D1) (D) (D)	2) 6 3) 7 4) 8 5) 9	FM DREC CO FM EE CO FM MUT CO FM REC CO S CASS (P)	P4004-3A P40004-4A P40004-5A P40004-6A P40004-7A P40004-9A P40004-9A	P40004-3B P40004-4B P40004-5B P40004-6B P40004-7B P40004-8B P40004-9B P40004-10B	AA GND D5, 5V D GND AA GND CH1 LINE IN AA GND CH1 FM IN NOR CH1 VR	8	1)- 2)- (E27)-	1	√(04:	(E31 (E19 (E20 (E24 (E25
	P2203-12 12 A DATA P2203-13 13 A LATCH P2203-14 14 A EMABLE P2203-16 16 S VIDEO () P2203-16 16 CPN () P2203-17 17 CT WIDE () P2203-18 18 A MASK	(F19) (F20) (F21) (F22) (F23) (F24) (F25)			√H17}— √H16}—	14	P3932-11A P3932 P3932-12A P3932 P3932-13A P3932 P3932-14A P3932 P3932-15A P3932 P3932-16A P3932 P3932-17A P3932	-12B TMR DAT -13B SYNC -14B YPA -15B V EE ⊕ -16B CLAMP REF	11 (H8 12 (H7 13 (H7 14 (H6 15) (H27)- (F12)-		(0)	6) 11 7) 12 13 9) 14 10) 16	TRICK () FM CH1 IN AA GND2 FM CH2 IN LIN CH1 GND LIN CH1 OUT	P4004-11A P4004-12A P4004-13A P4004-14A P4004-15A P40004-16A	P40004-118 P40004-128 P40004-138 P40004-148 P40004-158	NOR CH1 REF NOR CH2 VR NOR CH2 REF CH2 MIC () CH1 MIC () CH1 MIC ()	11 - 12 - (E1 15 - (E1 17 - (E	(E28)- (E29)- (E30)- 5)- 6)-	ì		√(E26
	P2203-19 19 FAN (+) (A3 P2203-20 20 FAN (-) (A3	11)-[(6	G3)-(H21)-	18 S VHS (P) 19 20 GND 21 22 NORMAL (P) 23 24	P3932-18A P3932 P3932-19A P3932 P3932-20A P3932 P3932-21A P3932 P3932-22A P3932 P3932-23A P3932 P3932-23A P3932	-198 TRICK (1) -208 NC Y -218 EDIT (1) -228 Y DOP (1) -238 ROTARY SW	18 (H4 19 20 (H28 21 (H2 22 23 23 24	(F9) 1	(C32)- (C34)-	(0) (0) (0) (0) (0)	11) 18 12) 19 13) 20 14) 21 15) 22 16) 23 17) 24	LIN CH2 GND LIN CH2 OUT LTC MUT (#) POWER MUT TC +6V TC -6V TC EE (*) TC MUT (#) TC PB TC REC OUT	P40004-19A P40004-20A P40004-21A P40004-22A P40004-23A	P4004-18B P4004-19B P4004-20B P40004-21B P40004-22B P40004-23B P40004-248	AA GND CH2 FM IN AA GND CH2 LINE IN	18 - (E1 19 - (E1 20 - (E 21 - (E 22 - (E	İ			√E21 √E22
			√(F26)	-(C2O)	Чн3)	25 TBC FSC 26 A DATA 27 A COLOR © 28 COLOR © 29 RY 30 SIG DET © 31 D5. 5V 32 D GND	P3832-25A P3932 P3932-26A P3932 P3932-27A P3832 P3932-28A P3832 P3932-29A P3932 P3932-31A P3932	-25B	25 (H18) 26 - 27 28 29 30 - 0161T	(F27)~	(029)	~ 0:	18) 25 19) 26 20) 27 21) 28 29 30	TC PB TC REC OUT TC REC ① TC X2 ①	P40004-25A P40004-26A P40004-27A	P40004-258 P40004-268 P40004-278 P40004-288 P40004-298 P40004-308	A MASK A CLK A DATA A LATCH	25 26 27 (F25) 28 (F18) 29 (F19) 30 (F21)			~(04) ~(04) ~(04) ~(04)	6)
1	P310 (TO SYSTEM CONTROL & SERVO) P1503-1 1 34P+12V P1503-2 2 0 GND P1503-3 3 0 GND P1503-4 4 05.5V					32 D GND	P3932-32A P3932	-328 D GND	32 - 5. 5V				3 <u>1</u> ///		P40004-31A			32 , (2)				
	F1000-0 0 00, 0V	ALOG V			32)			-														
	P1503-B B A5V 5V	2V ALOG																				
	P1503-8 8 A GND P1503-9 9 A GND P1503-10 10 -12V	2V ALOG	(F1)	P961 (TO	D FRONT)	P62001-1			(E7)		P962 (TO FRON		002-4		,,		B (TO FRONT)	I peanna				,,,,
3	P1503-8 8 A GND	2V ALOG	~ F227	P961 (TO TRAC VR TRAC VR AGC LEV S VIDEO GPN Q TMR CLK TMR DAT S VHS Q	R (+) 1 R (-) 2 VEL 3 D	P82001-1 P82001-2 P82001-3 P82001-4 P82001-5 P82001-6 P82001-7 P82001-7				(E25) (E26) (E27) (E28)	P962 (TO FROM CH2 METER GNO CH1 METER GNO NOR CH1 VR NOR CH1 VR NOR CH2 VR NOR CH2 REF VR GNO R GR4 VR R GR5 REF	1 P62 2 P62 3 P62 4 P62 5 P62 6 P62	0002-1 1002-2 1002-3 1002-4 1002-5 1002-6 1002-7 1002-8		7777 7777	9 HIF 0 HIF 1 CH1 2 CH2 3 FM 4 FM	CH1 VR	P62003-1 P62003-2 P62003-3 P62003-4 P62003-5 P62003-6 P62003-7 P62003-8			A DIG VC5C	(F3) (F4) (F5) (NALOG 12) (TTAL 5, 5)



INTERCONNECTION SCHEMATIC DIAGRAM (: Page CBA-0)





CIRCUIT BOARDS

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POWER C.B.A. AND POWER (2) C.B.A. ·····CBA-3
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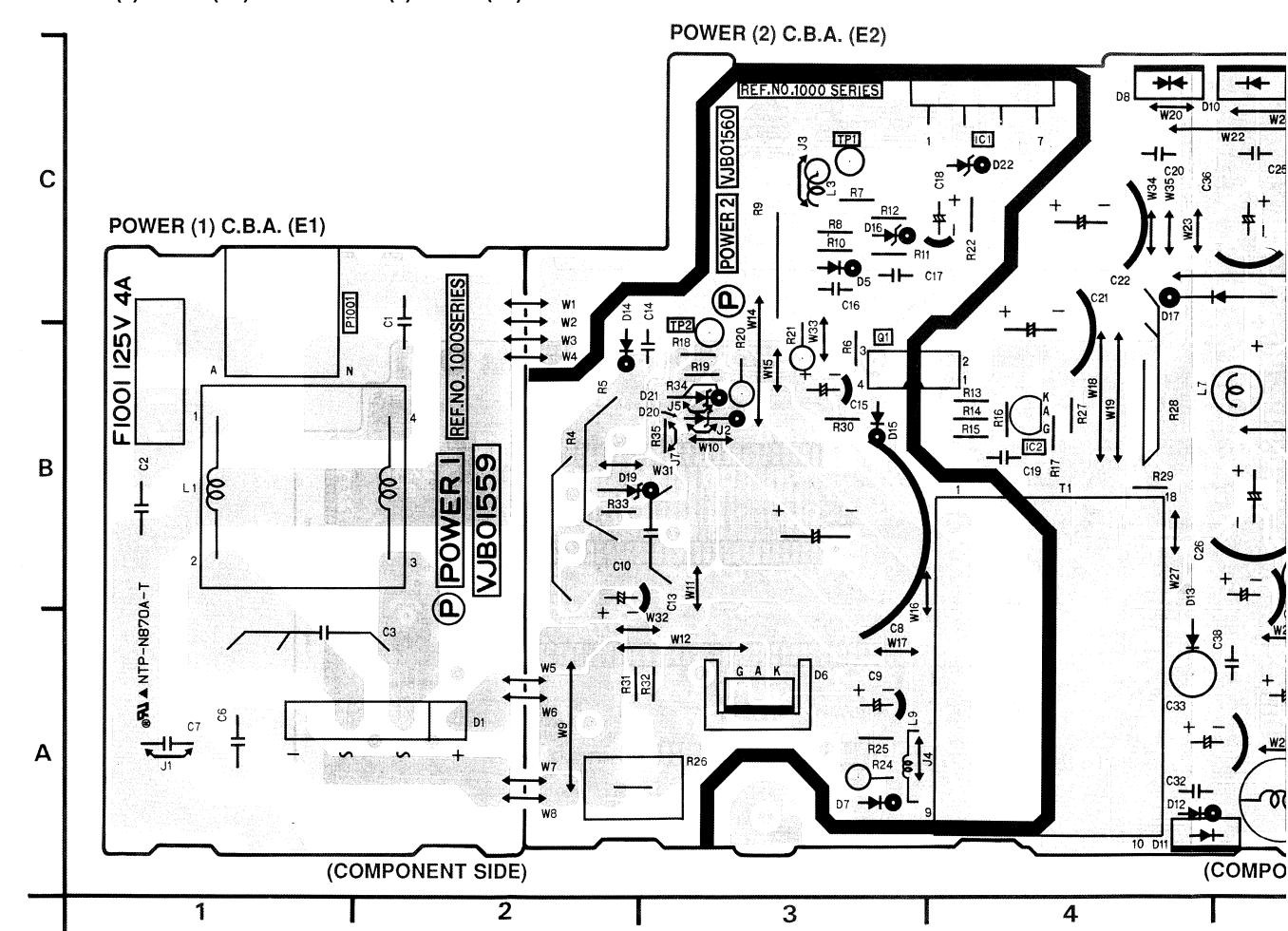
IMPORTANT SAFETY NOTICE

COMPONENTS IDENTIFIED WITH THE MARK \triangle HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

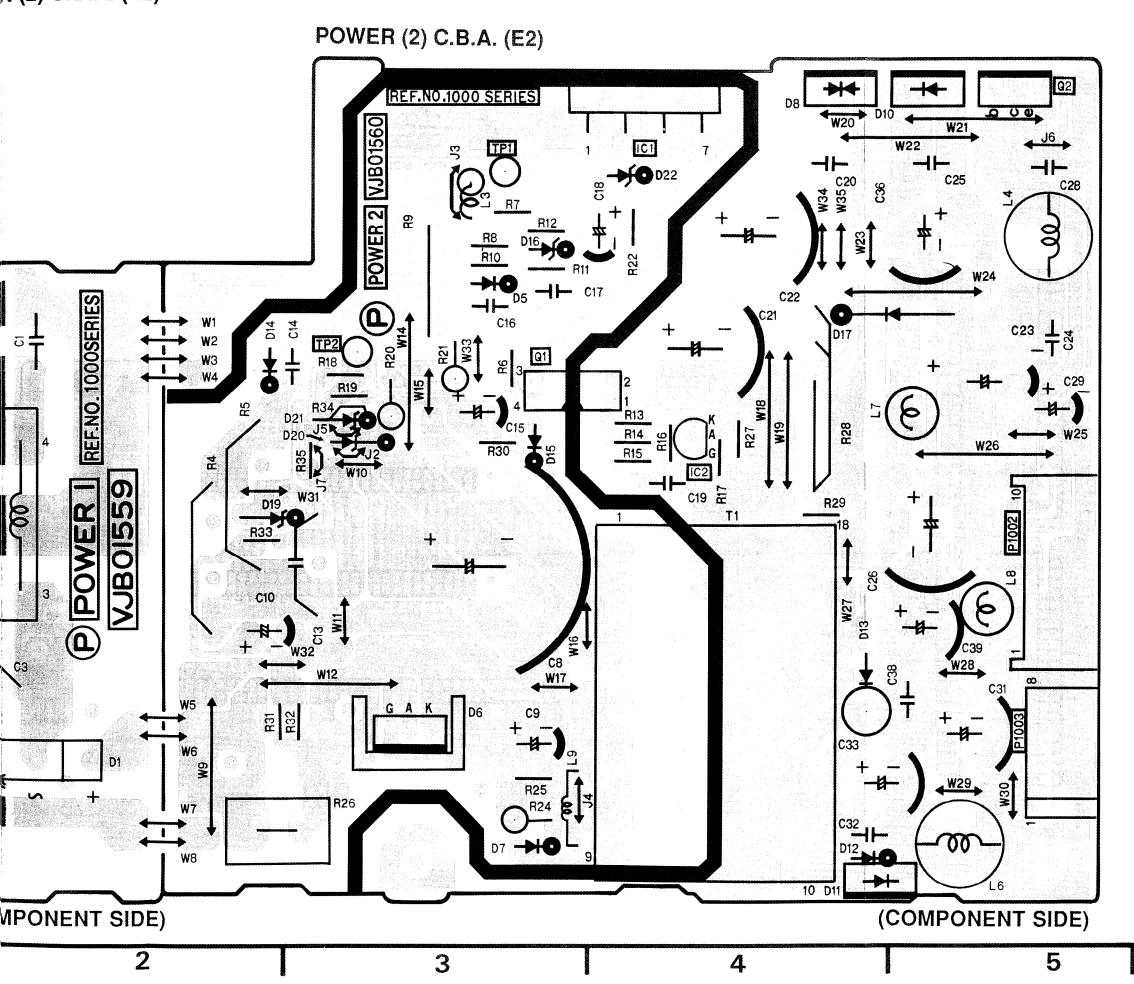
NOTE

DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST. AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

POWER (1) C.B.A. (E1) AND POWER (2) C.B.A. (E2)



R (2) C.B.A. (E2)



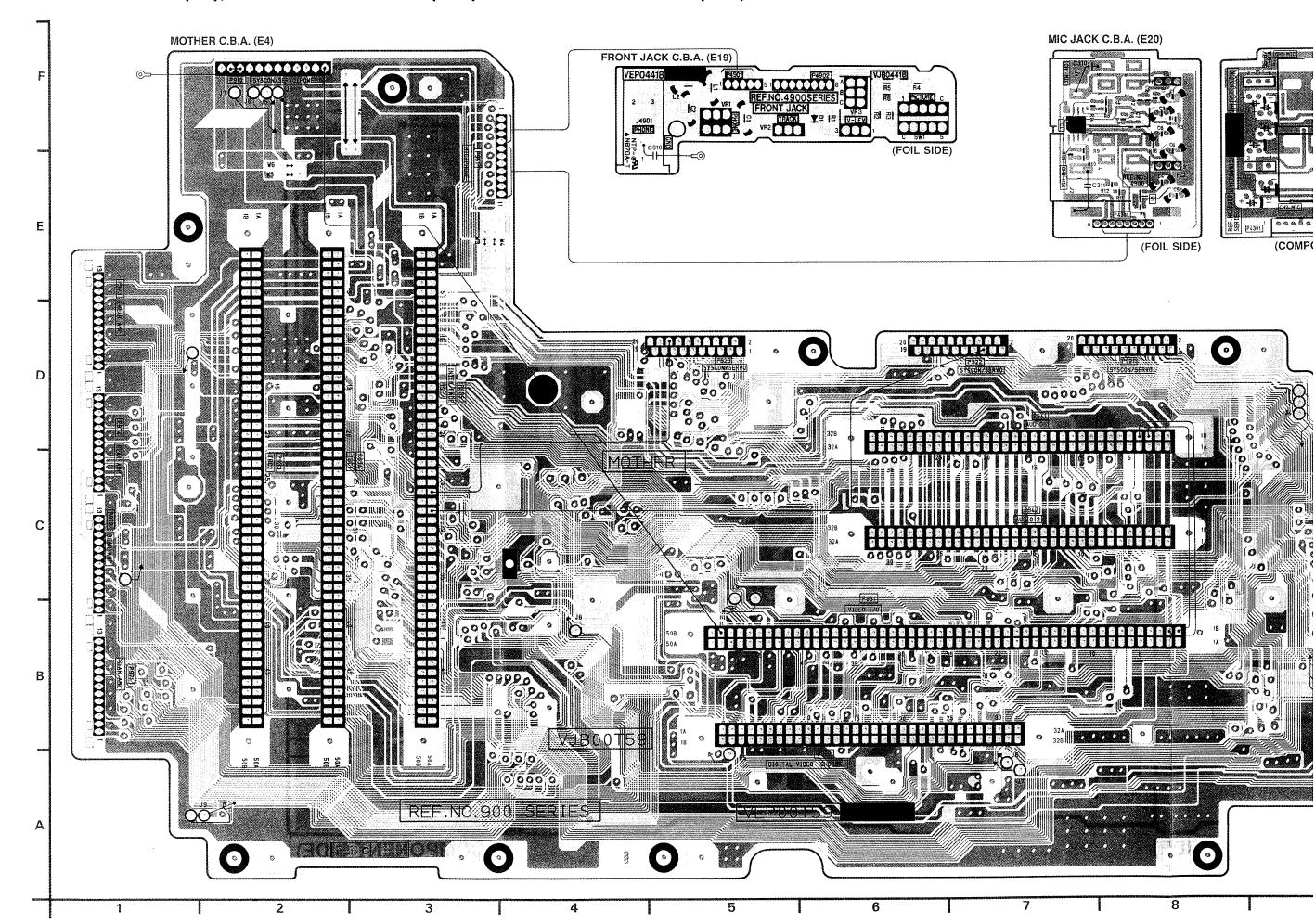
POWER (1) C.B.A.				
Connector				
P1001	C-1			

ADDRESS INFORMATION

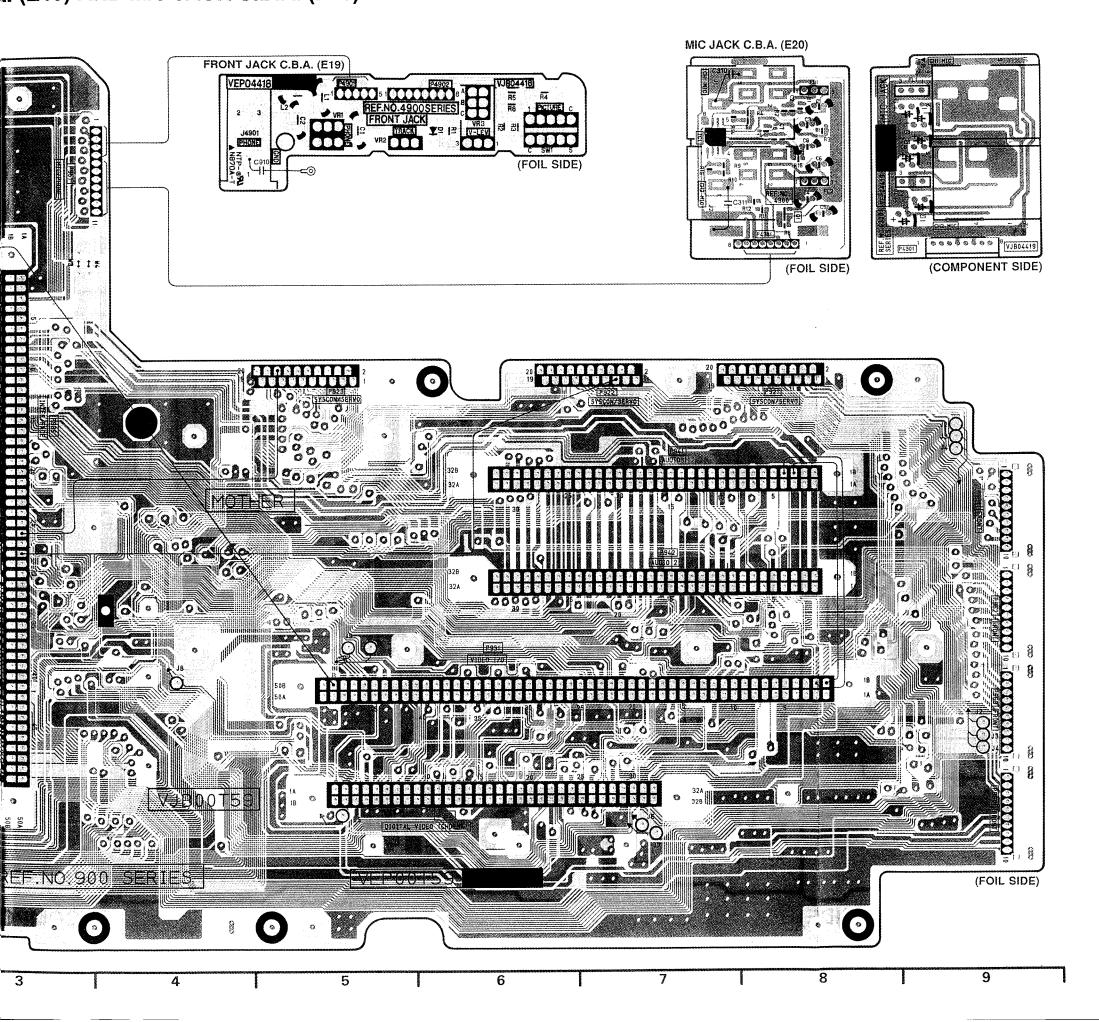
POWER (2) C	B.A.				
Transistor					
Q1001	B-3				
Q1002 C-5					
Integrated Circuit					
IC1001	C-4				
IC1002	B-4				
Test Point					
TP1001	C-3				
TP1002	B-3				
Connector	***				
P1002	B-5				
P1003	A-5				

ADDRESS INFORMATION

MOTHER C.B.A. (E4), FRONT JACK C.B.A. (E19) AND MIC JACK C.B.A. (E20)



(E19) AND MIC JACK C.B.A. (E20)



MOTHER C.B.A.						
Connector						
P910	F-2					
P921	D-8					
P922	D-7					
P923	D-5					
P931	B-6					
P932	B-6					
P933	C-2					
P934	C-2					
P935	D-3					
P941	D-7					
P942	C-7					
P951	E-3					
P961	C-9					
P962	C-9					
P963	B-9					
P964	A-9					
P971	B-1					
P972	C-1					
P973	E-1					
P974	D-1					

ADDRESS INFORMATION

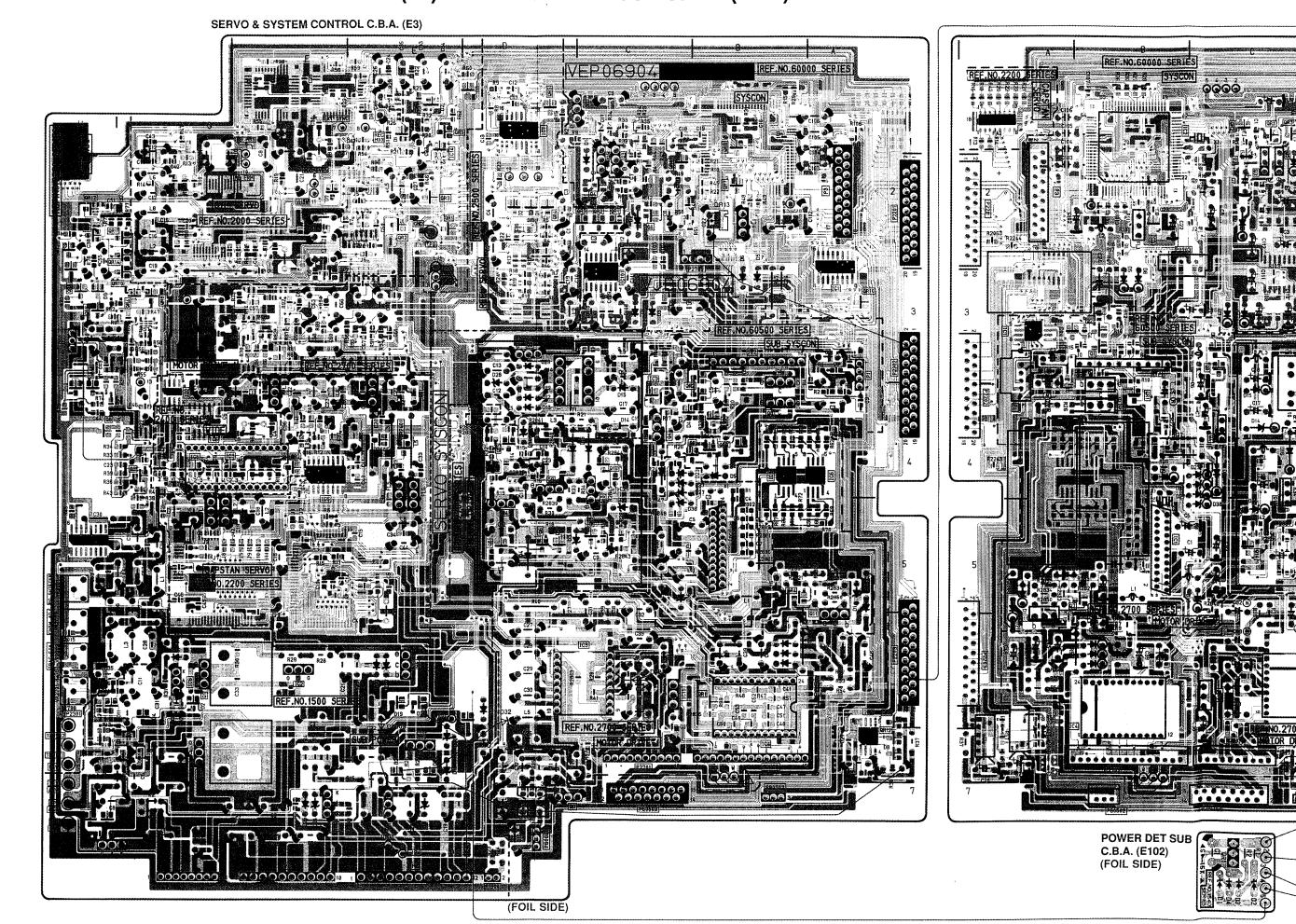
FRONT JACK	C.B.A.	
Adjustment		
VR4901	F-5	
VR4902	F-5	
VR4903	F-6	
Connector		
P4901	F-5	
P4902	F-6	

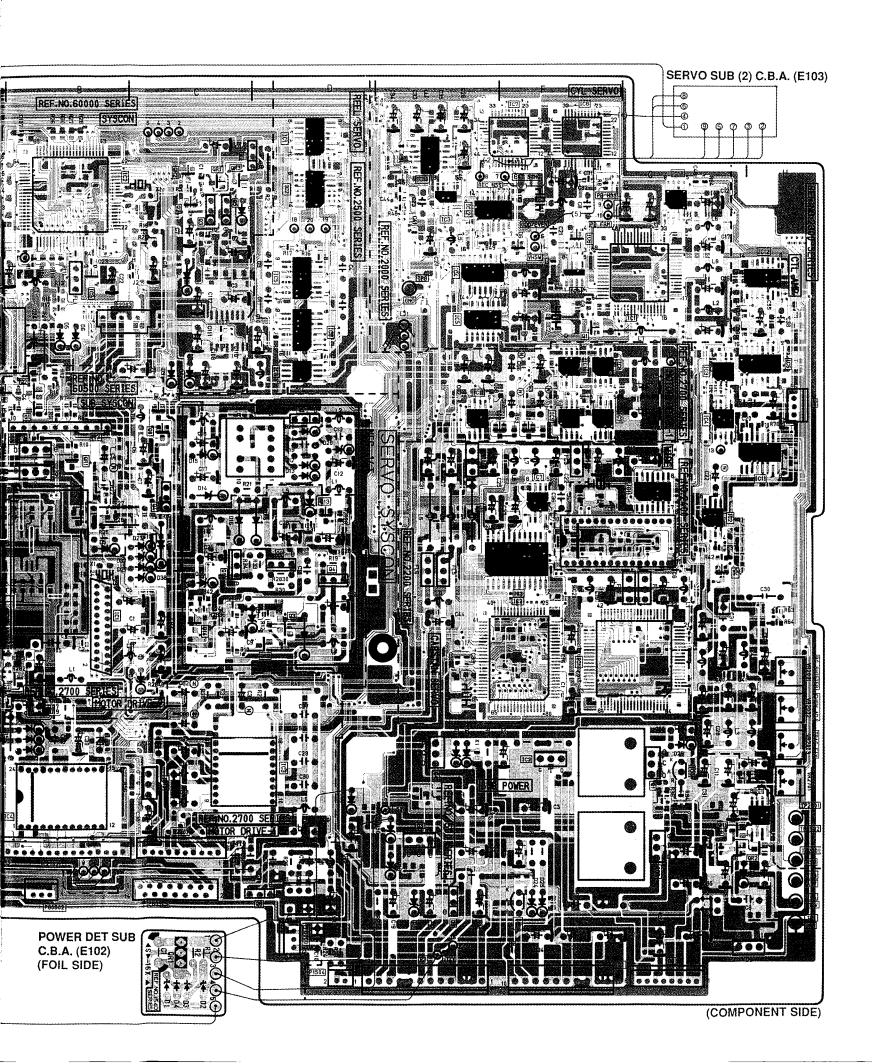
ADDRESS INFORMATION

MIC JACK C.B.A.					
Transistor					
Q4301 E-8					
Integrated Circuit					
IC4301 F-7					
Connector					
P4301	E-8				
P4301	E-9				

ADDRESS INFORMATION

SERVO & SYSTEM CONTROL C.B.A. (E3) AND POWER DET SUB C.B.A. (E102)



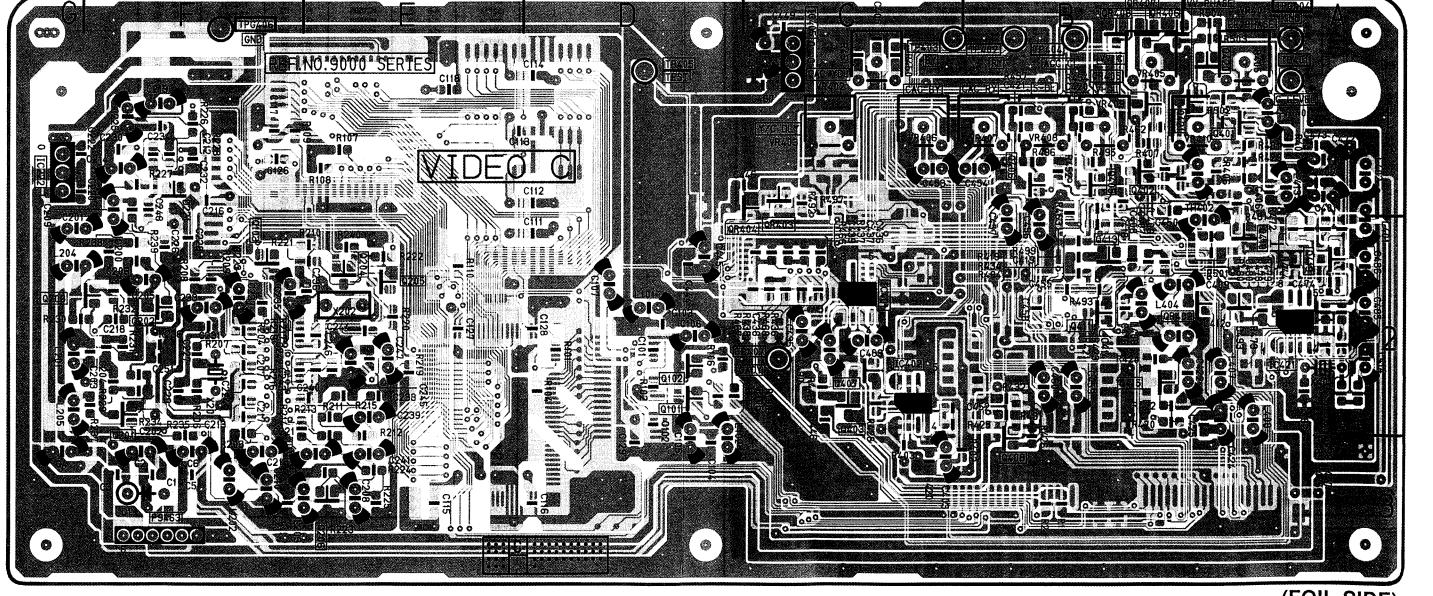


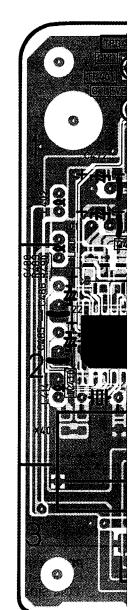
	SI	ERVO & SYSTEM	CONTROL C.B.	A.	
Transistor		QR2501	C-2 ®	IC2706	A-4 🕑
	G 6	QR2502	C-2 🗈	IC2707	F-3 ©
Q1501	G-6 ©	QR2503	C-2 ®	IC2708	F-3 ©
Q1501	G-6 ①	QR2504	D-2 🗊	IC2709	F-3 ©
Q1502	D-3 ©	QR2505	D-1 (Ē)	IC2710	F-3 ©
Q1502	D-3 (F)		B-6 (f)	IC2711	E-3 ©
Q1503	E-7 ©	QR2701			C-6 ©
Q1503	E-7 🕞	QR2702	D-5 ©	IC2715	-
Q1504	E-6 ©	QR2703	C-5 🗊	IC2715	C-6 🕑
	_	QR2704	B-5 ①	IC60001	A-3 🗈
Q1504	_	QR60001	C-1 ©	IC60002	B-1 ©
Q1505	E-7 ©	QR60002	C-1 ©	IC60003	B-2 ©
Q1505	E-7 🗊	QR60003	C-1 ©	1C60007	A-7 🕞
Q2001	F-3 ©		C-2 (Ē)	IC60101	C-3 (F)
Q2302	H-2 ⑤	QR60004	_		
Q2303	G-4 🗊	QR60006	A-6 🕑	IC60501	A-3 ©
	G-4 ©	QR60007	B-2 ①	1C60502	B-3 ©
Q2304		QR60008	B-1 🗊	IC60502	B-3 🕦
Q2305	H-4 🕞	QR60010	A-3 🕞	IC60503	C-4 (f)
Q2703	D-5 ©	QR60012	A-6 🕑		
Q2704	D-5 ©	l '	B-4 ©	Test Point	
Q2704	D-5 🕑	QR60501		TD4504	117 @
Q2705	D-5 🕞	QR60502	B-4 🕑	TP1501	H-7 ©
	D-5 🕞	QR60503	B-4 (Ē)	TP1501	H-7 🗊
Q2706	, –			TP1503	H-7 ©
Q2707	B-5 ©	Integrated Cir	cult	TP1503	H-7 🕞
Q2708	B-4 ©		r	TP1504	H-7 ©
Q2708	D-7 ©	IC1501	H-6 ©	TP1504	H-7 (Ē)
Q2709	D-4 ©	IC1502	F-6 ©		-
Q2709	D-4 (f)	IC1502	F-6 ①	TP2001	H-7 ©
	• •	IC1503	G-7 ©	TP2001	H-7 🖲
Q2710			_	TP2008	E-2 ©
Q2710	C-4 ©	IC1503	G-7 ©	TP2008	E-2 €
Q2711	A-6 ©	IC1505	F-7 ©	TP2301	H-6 ©
Q2711	A-6 🖲	IC1505	F-7 🕑	TP2502	H-7 ©
Q2713	D-4 ©	IC1506	G-6 ©		
Q2714	C-5 ©	IC1506	G-6 🕑	TP2502	H-7 🕞
Q2715	D-4 ⑥	IC2001	G-2 ©	Adjustment	
	_		1.7	Aujustinont	
Q2716	C-4 (f)	1C2002	F-3 (Ē)	VR2001	H-5 ©
Q60001	C-1 ©	IC2003	E-1 ©	VR2001	H-5 €
Q60001	C-1 (Ē)	IC2005	E-2 ©	VR2002	H-6 ©
Q60002	C-2 ©	1C2006	F-2 ©	1	
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	_	IC2008	F-1 ©	VR2003	H-6 ©
Q60003			_	VR2003	H-6 ①
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			-	P1501	F-7 ©
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Q60508	B-4 (f)	IC2310	H-5 ®	P2202	A-4 ©
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Transistor & F	lesistor	IC2312	H-2 ©	P2203	A-6 🗈
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QR2005	E-1 (f)	IC2501	D-1 ©		
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QR2306	H-3 ®	IC2505	D-2 ©	P60003	A-2 ©
QR2308	H-3 🕞	IC2506	D-3 ©	I	
QR2309	H-2 ⑤	IC2507	D-1 ①	P60003	A-2 ①
a. 12000	G-3 ®	IC2701	B-5 ©	P60501	A-4 ©
OB2310	G-2 ①		1	P60501	A-3 🕑
QR2310	1 (5.2 (F)	IC2701	B-5 ©	P60502	B-7 ©
QR2311	1			I	
	H-2 ®	IC2703	D-6 ©	I PROSO?	B.7 (F)
QR2311	1	IC2703 IC2703	C-6 ®	P60502	B-7 (f)
QR2311 QR2312 QR2313	H-2 ⑤ H-4 ⑥	IC2703	C-6 (Ē	P60503	C-7 ©
QR2311 QR2312 QR2313 QR2314	H-2 ⑦ H-4 ⑦ G-2 ⑥	IC2703 IC2704	C-6 © B-6 ©	I	_
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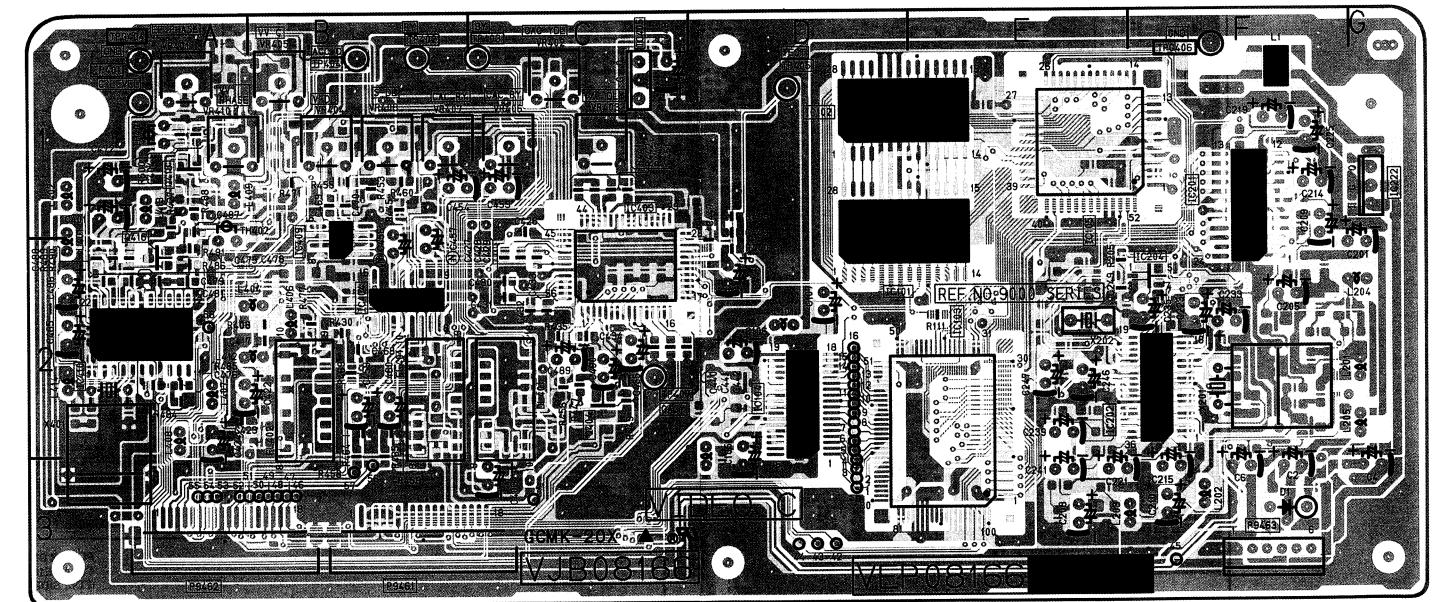


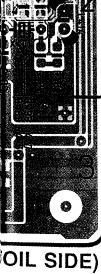


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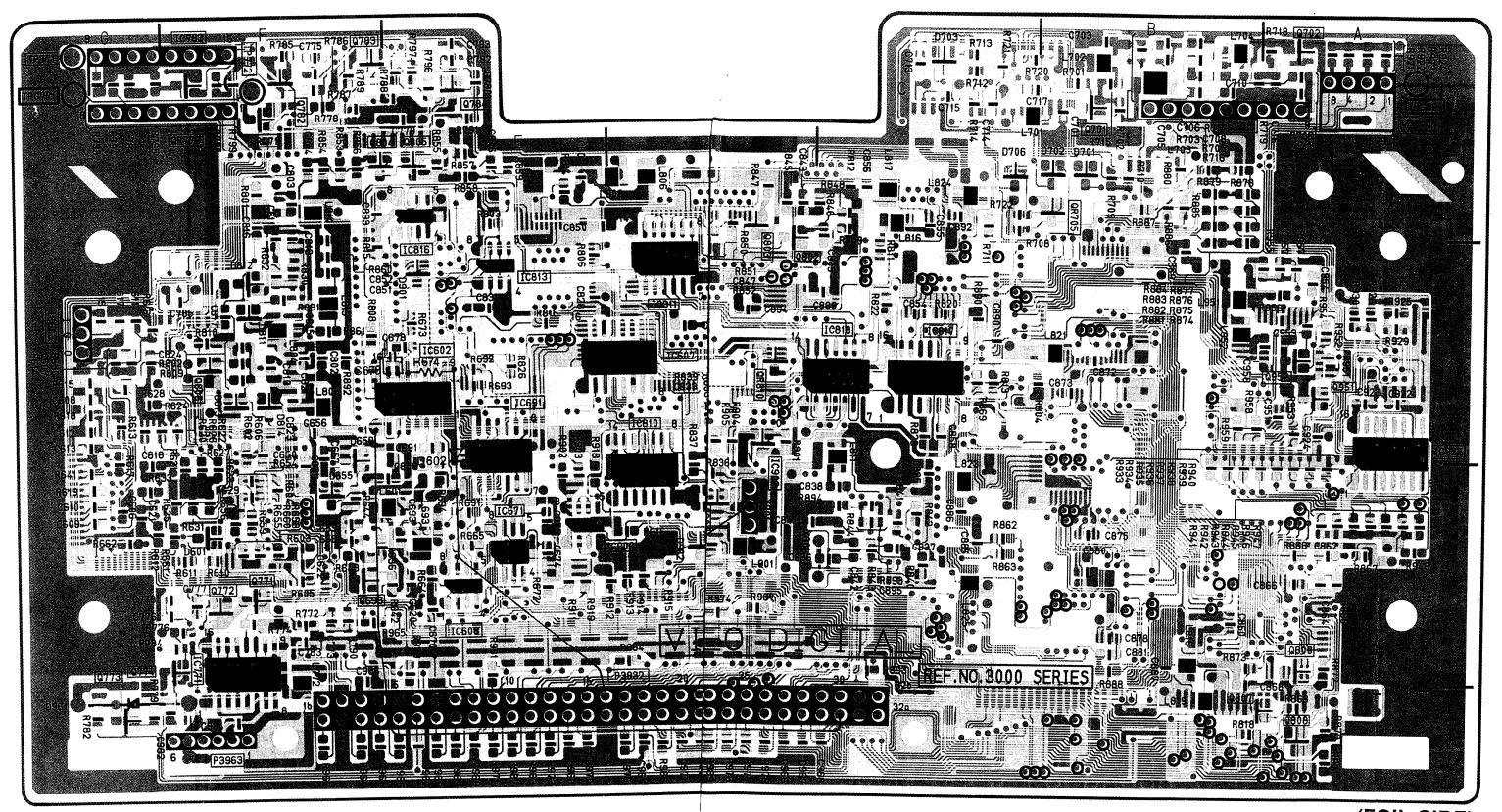
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Q9202 Q9203 Q9204	G-2 (F) E-2 (F)	Transistor & F		IC9401 IC9402 IC9403	C-2 (Ē) C-2 (Ē) C-2 (①)	TP9407 TP9407 TPG9404	C-2 © C-2 F A-1 ©	VR9408 VR9408 VR9409	B-1 B-1 B-1	© ©
Q9205 Q9206	E-2 (F) E-3 (F)	QR9402 QR9403 QR9404	A-2 (F) C-1 (F)	IC9403 IC9404 IC9405	B-2 © C-1 ©	TPG9404 TPG9406	A-1 (f) F-1 (G)	VR9410 VR9410	A-1 A-1	© ©
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Q9404 Q9405	C-2 © B-1 ®	QR9407 QR9408	B-1 ⑤ B-1 ⑥	IC9410 IC9421	A-2 © A-2 Ē	Adjustment VR9401	A-1 ©	P9461 P9462 P9463	B-3 A-3 F-3	© ©
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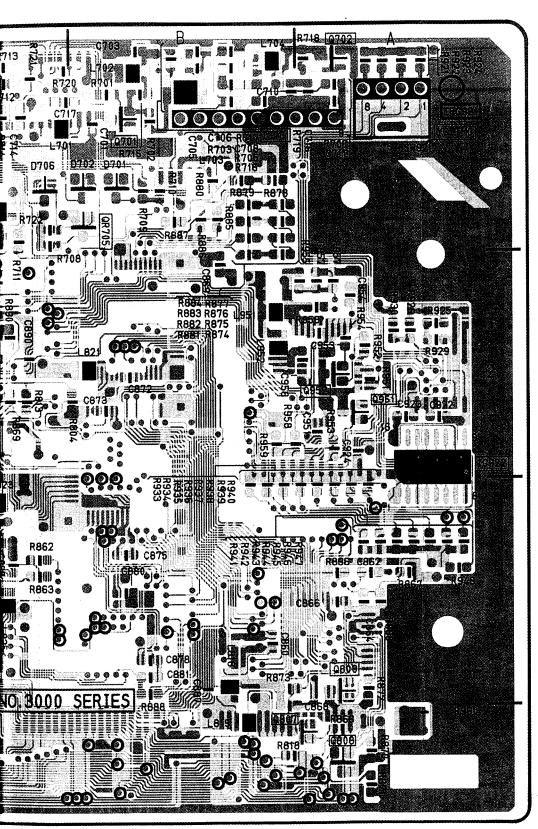


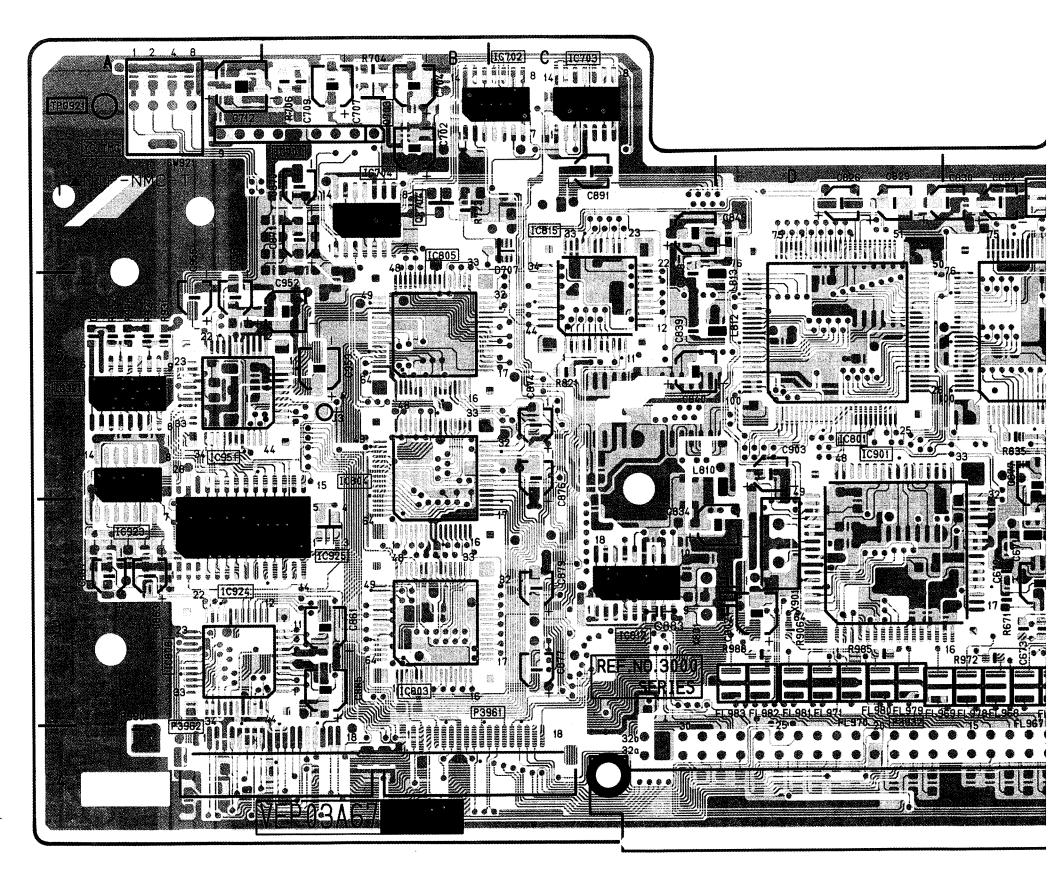


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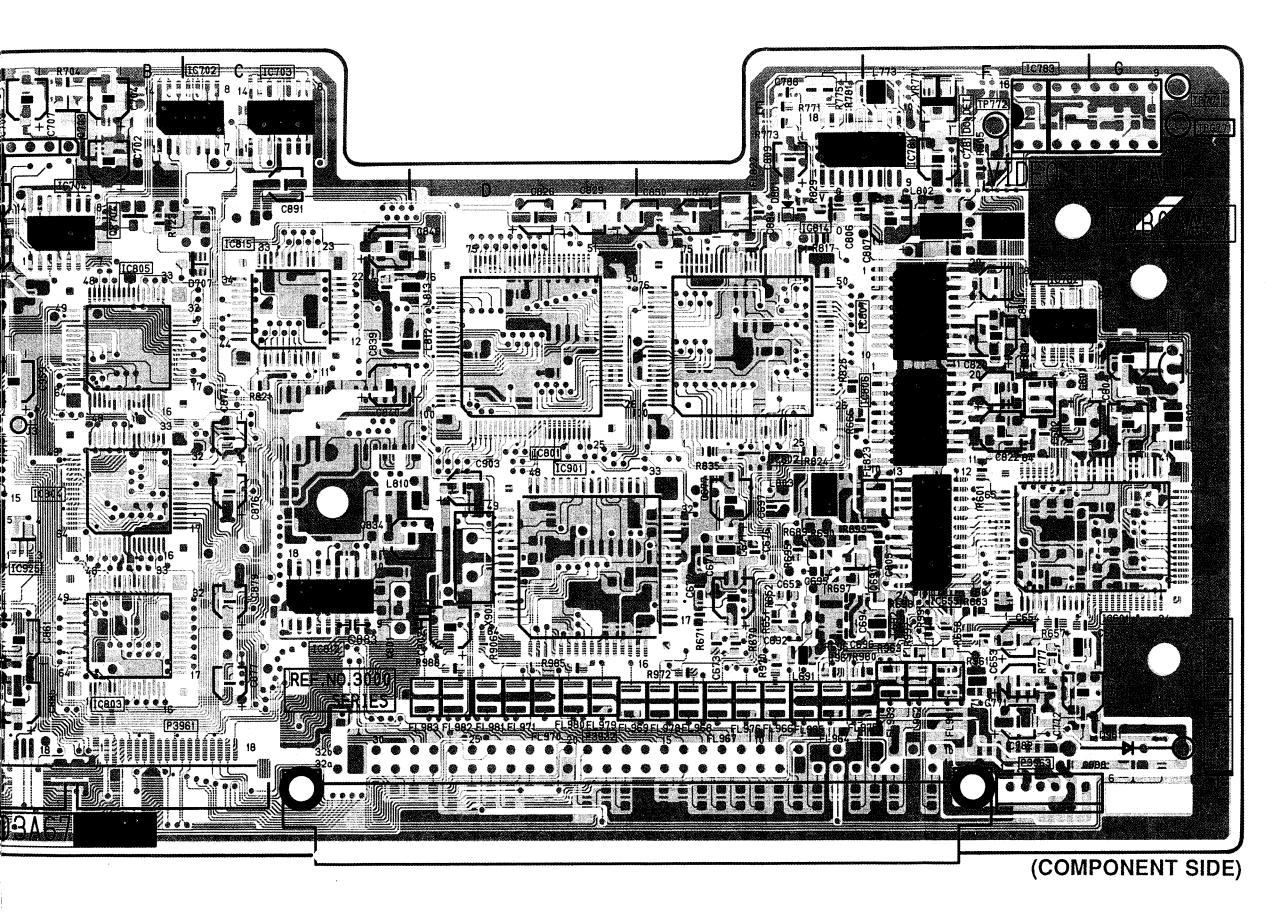


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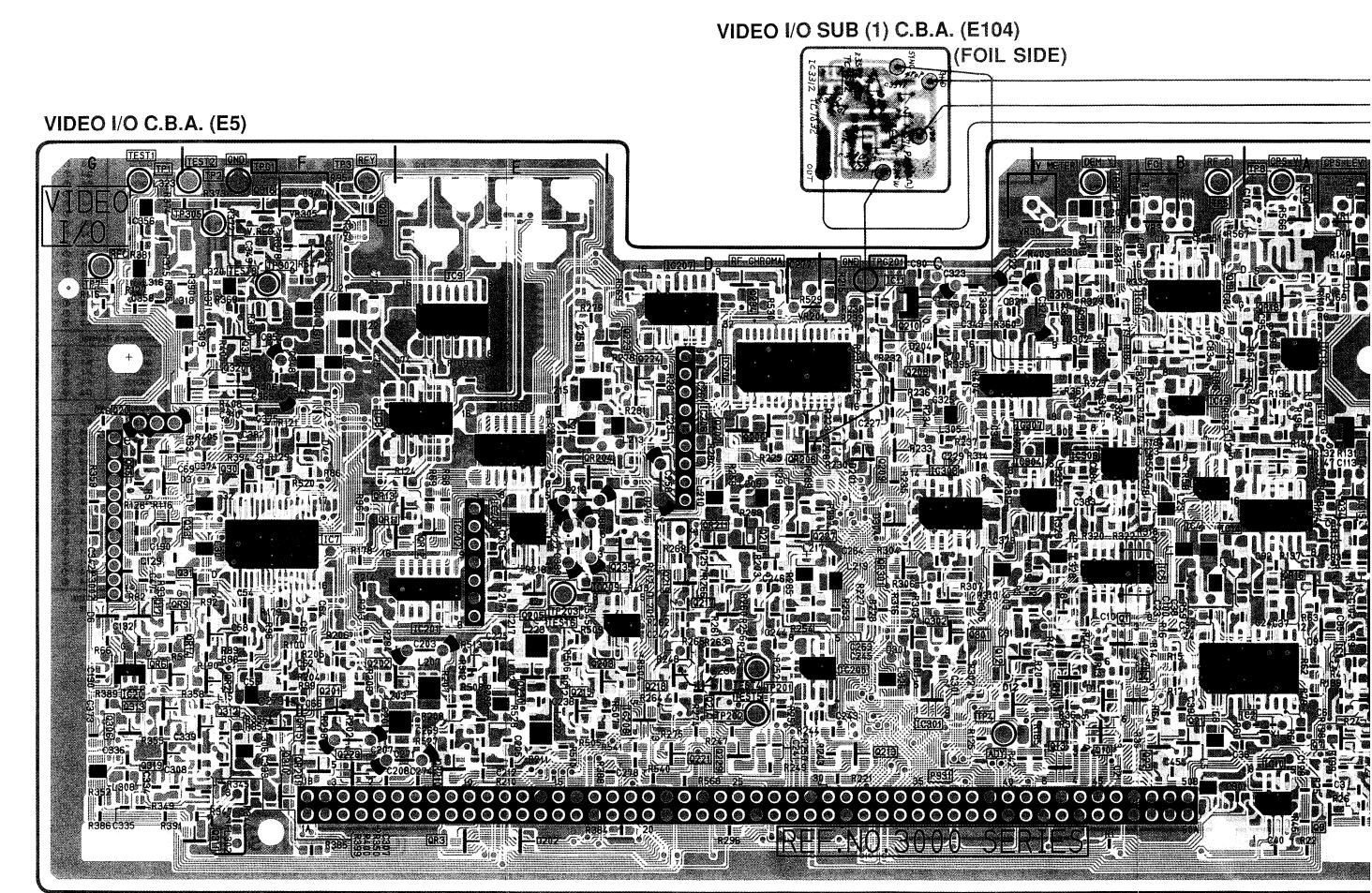


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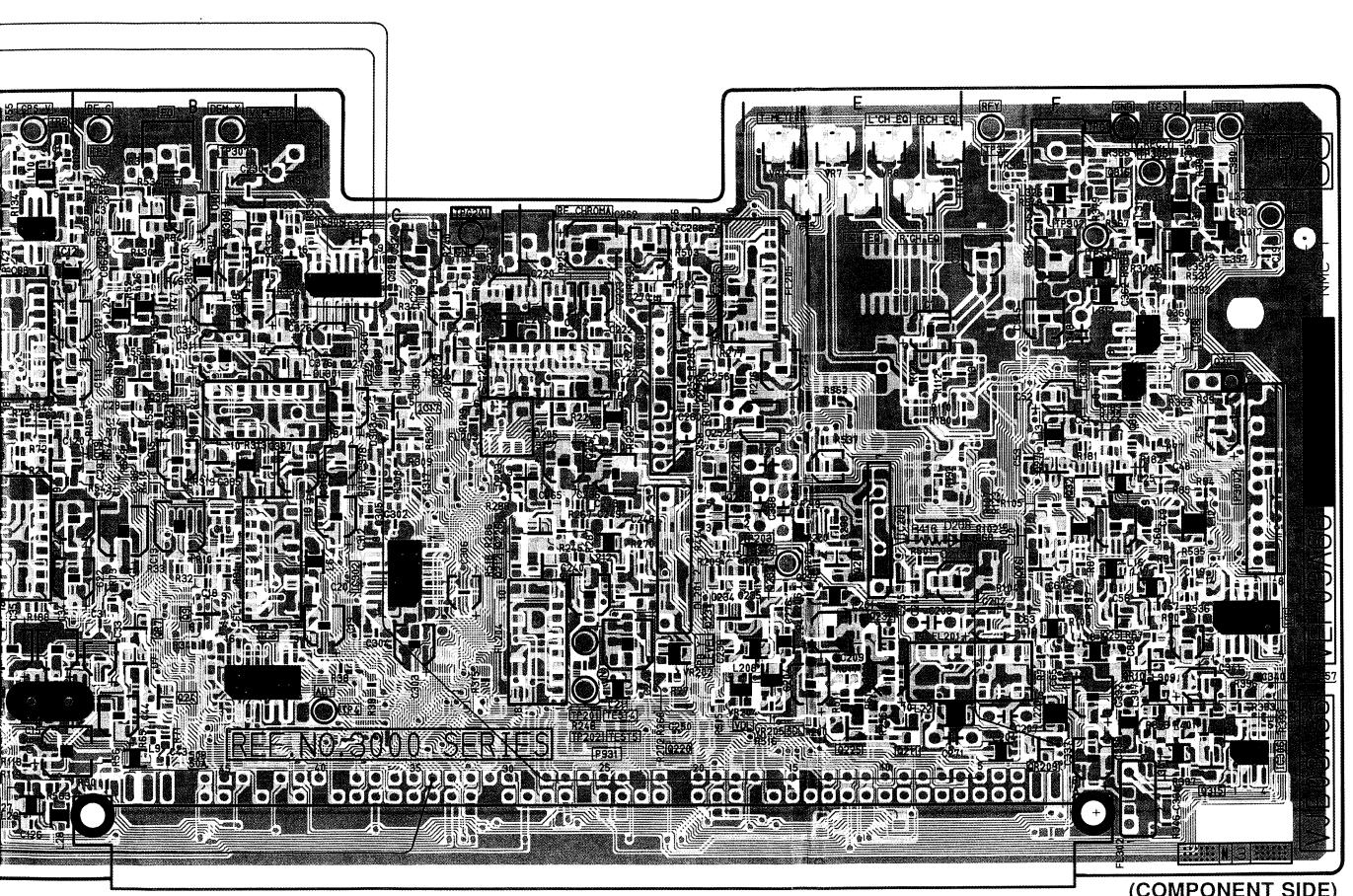


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Q3701 Q3702	A-1 ①	IC3802	E-2 ©
Q3703	B-1 ©	1C3803	B-3 ©
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Q3772	F-3 ①	IC3805	B-2 ©
Q3773	G-4 (f)	IC3806	F-2 ©
Q3774	F-3 (f)	IC3808	A-3 ©
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Q3802	D-2 (f)	IC3814	E-1 ©
Q3802 Q3803	D-1 ①	IC3815	C-1 ©
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Q3805	E-1 (f)	IC3817	C-2 (Ē
Q3806	F-2 ①	IC3818	C-2 ①
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Q3809	A-3 (F)	IC3903	E-3 (F)
Q3951	A-2 (Ē)	IC3921	A-2 ©
Q3952	A-2 (f)	IC3922	A-2 🕞
		IC3923	A-3 ©
Transistor & R	esistor	IC3924	A-3 ©
QR3704	B-1 ©	IC3925	B-3 ©
QR3705	B-1 🖲	IC3951	A-2 ©
QR3771	F-1 ①	Test Point	
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		TP3771	F-1 ©
Integrated Circ	;uit	TP3772	F-1 ©
IC3307	F-2 ©	TPG3771	G-1 ©
IC3601	G-3 ©	TPG3771	G-1 (F)
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IC3603	G-2 🕑	11 43321	A-1 0
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IC3607	D-2 🕑	VR3771	F-1 ©
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IC3671	E-3 (F)	Connector	
IC3691	E-2 🕑	P3932	D-4 ©
. IC3701	B-1 ©	P3932	D-4 ®
IC3701	B-1 🕑	P3961	B-3 ©
IC3702	C-1 ©	P3962	A-4 ©
IC3703	C-1 ©	P3963	F-4 ©
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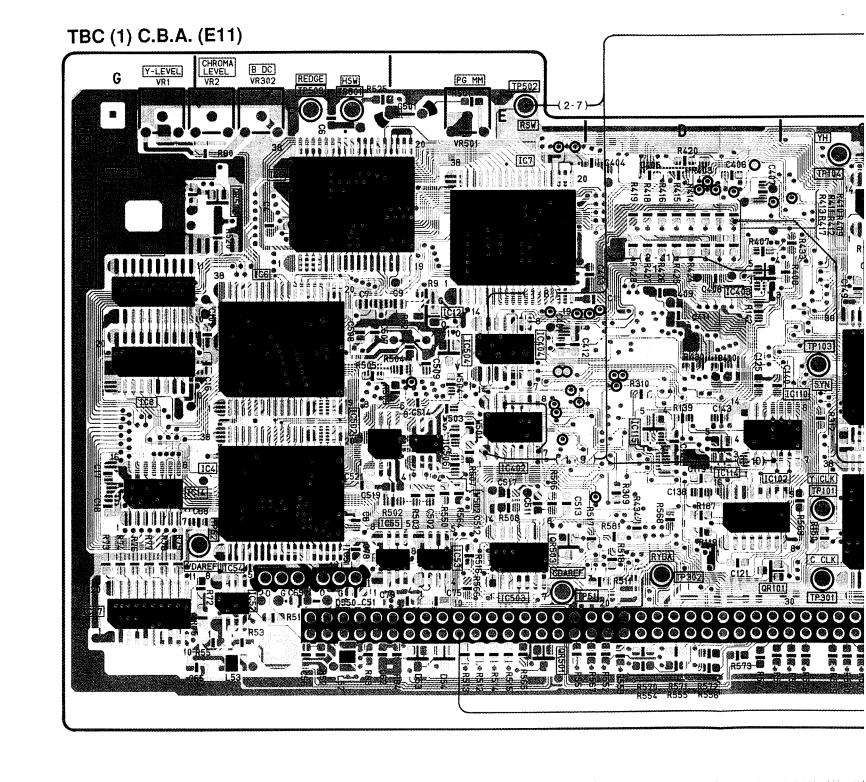


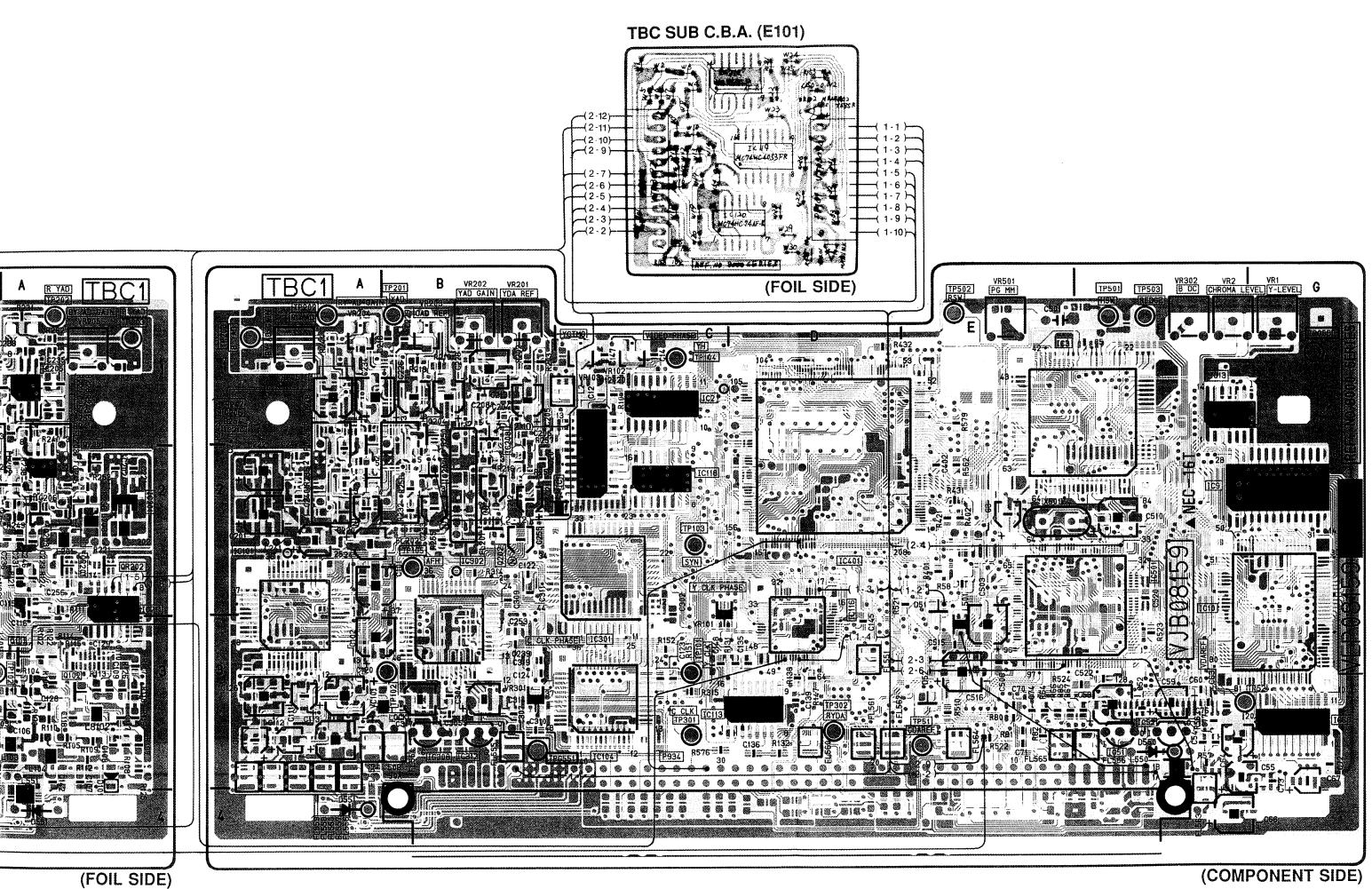
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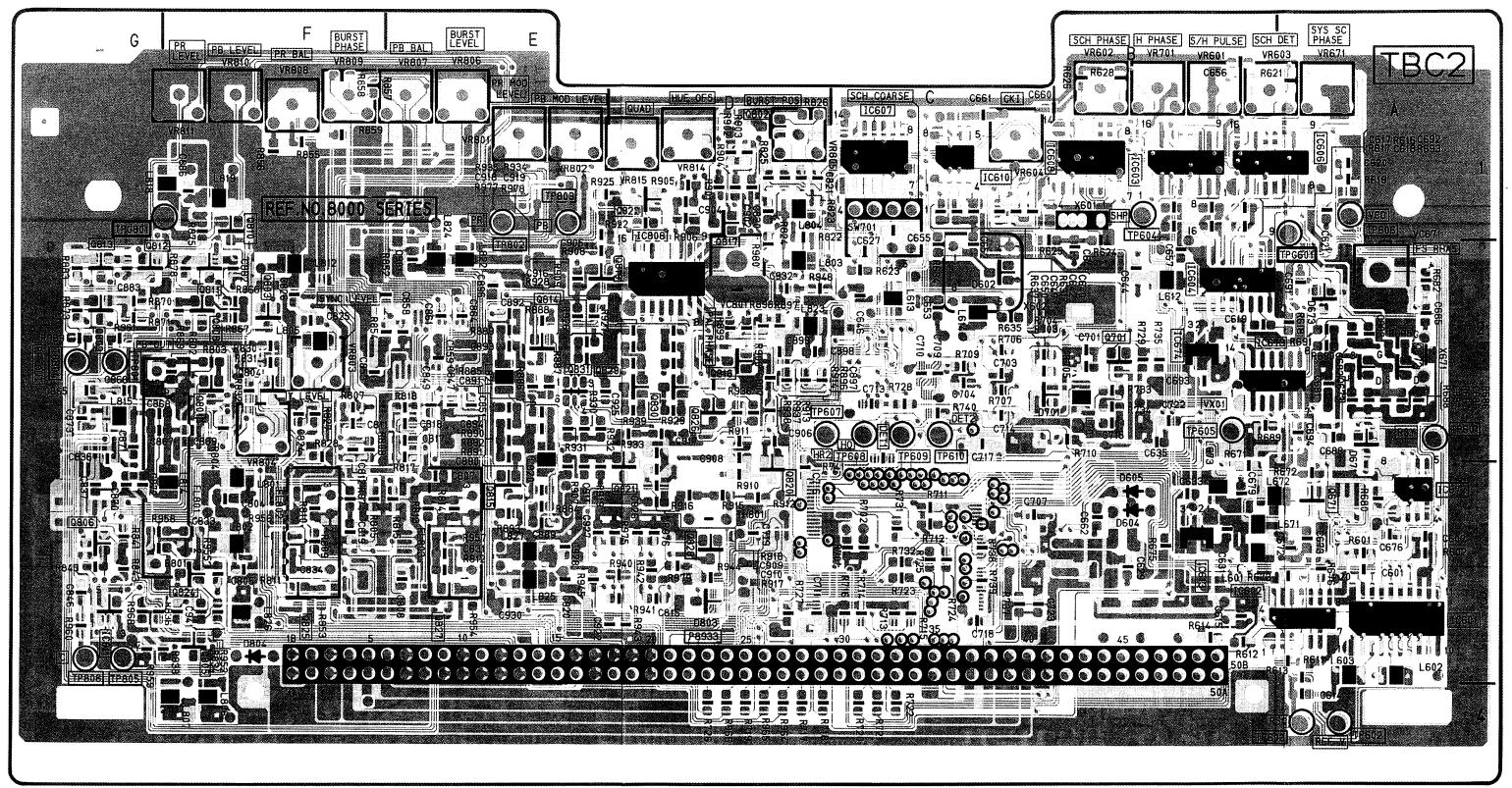
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IC8052	F-3 ©	TP8502	E-1 ©			
	-	TP8502	E-1 ①			
IC8052	F-3 (Ē)	TP8503	F-1 ©			
IC8053	E-3 🕑	TP8503	F1 🛈			
IC8054	F-3 🕞	ľ				
IC8055	E-3 (F)	TPG8550	G-1 ©			
IC8056	G-3 ©	TPG8550	G-1 🕑			
		TPG8551	B-3 ©			
IC8057	G-4 🕦	TPG8551	B-3 🕞			
IC8101	A-2 ©		<u> </u>			
IC8102	D-3 🕑	Adjustment	l			
IC8104	C-3 ©	1/00404				
IC8109	B-2 🕞	VC8101	A-3 ©			
IC8110	C-2 (Ē)	VR8001	G-1 ©			
	_	VR8001	G-1 (Ē)			
IC8112	-	VR8002	F-1 ©			
IC8113	D-3 ©	VR8002	[1 6			
	D-3 🕑		- 1			
IC8114	-	VR8101	C-3 ©			
IC8114 IC8115	D-2 🕞					
IC8115	_	VR8102	C-1 ©			
IC8115 IC8116	D-3 ©	VR8102 VR8103				
IC8115 IC8116 IC8118	D-3 © C-2 ©	VR8103	C-1 © C-1 ©			
IC8115 IC8116	D-3 ©	VR8103 VR8201	C-1 © C-1 © B-1 ©			
IC8115 IC8116 IC8118	D-3 © C-2 © A-2 ©	VR8103 VR8201 VR8201	C-1 © C-1 © B-1 © B-1 ©			
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IC8115 IC8116 IC8118 IC8201 IC8202 IC8203 IC8204 IC8205 IC8206 IC8206 IC8207 IC8208	D-3 © C-2 © A-2 © B-2 © B-1 © B-2 © A-1 © A-2 © B-2 © B-1 ©	VR8103 VR8201 VR8201 VR8202 VR8202 VR8203 VR8204 VR8205 VR8205 VR8301 VR8301	C-1 © C-1 © B-1 © B-1 © B-1 © B-1 © A-1 © A-1 © B-3 © F-1 ©			
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IC8115 IC8118 IC8118 IC8201 IC8202 IC8203 IC8204 IC8205 IC8206 IC8207 IC8208 IC8211 IC8301 IC8302 IC8304 IC8303	D-3 © C-2 © A-2 © B-1 © B-2 © A-1 © A-2 © B-1 © A-2 © B-1 © C-2 © C-2 © C-3 © B-3 ©	VR8103 VR8201 VR8201 VR8202 VR8202 VR8203 VR8204 VR8205 VR8301 VR8301 VR8302 VR8302 VR8501 VR8501 Connector	C-1 © C-1 © B-1 © B-1 © B-1 © B-1 © A-1 © A-1 © F-1 © E-1 © E-1 ©			

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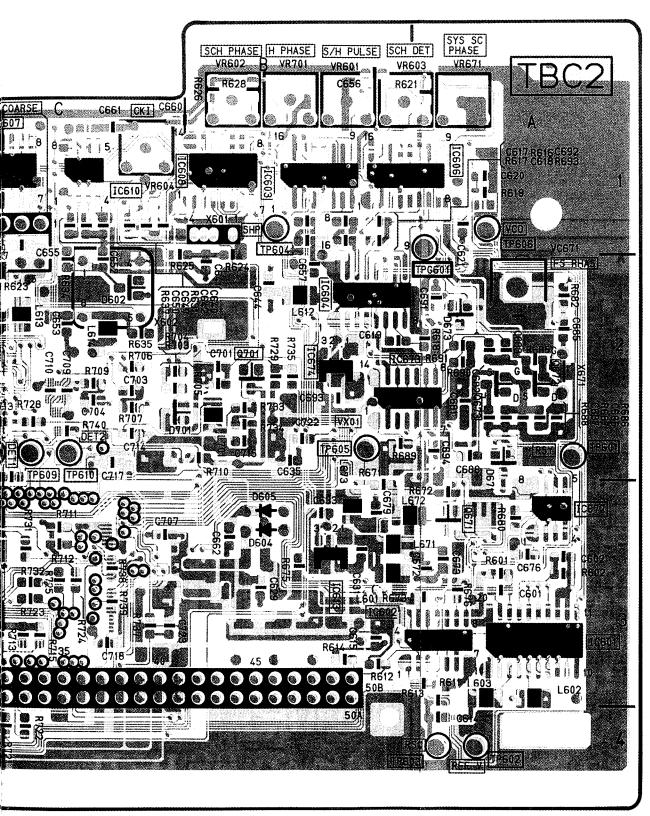


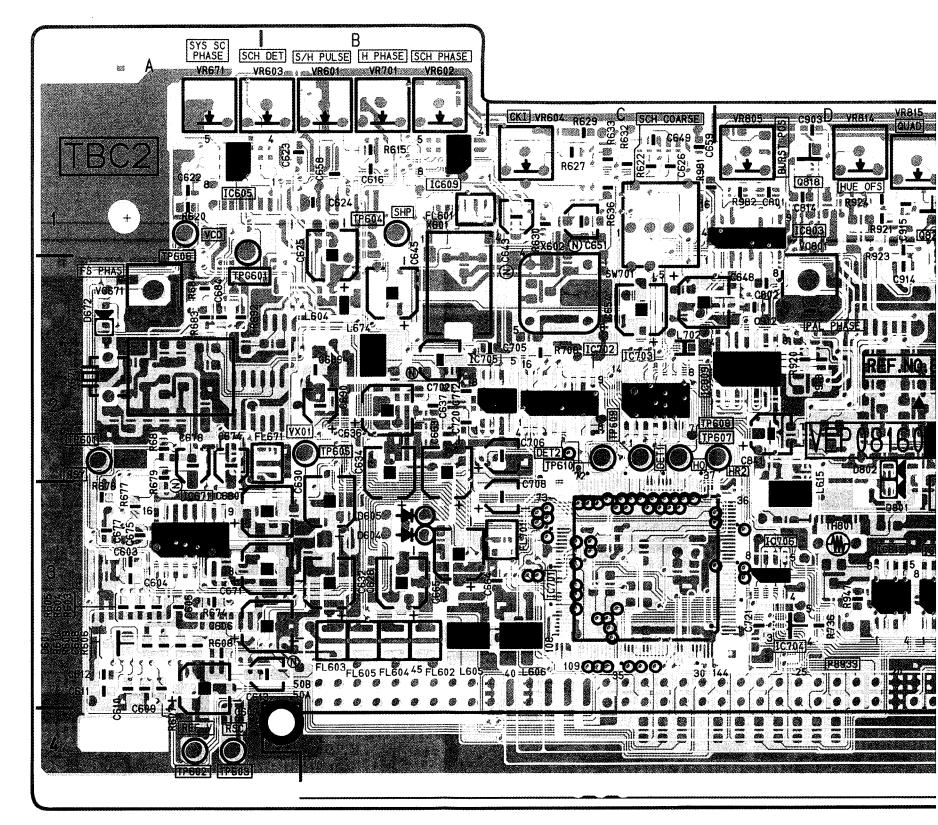


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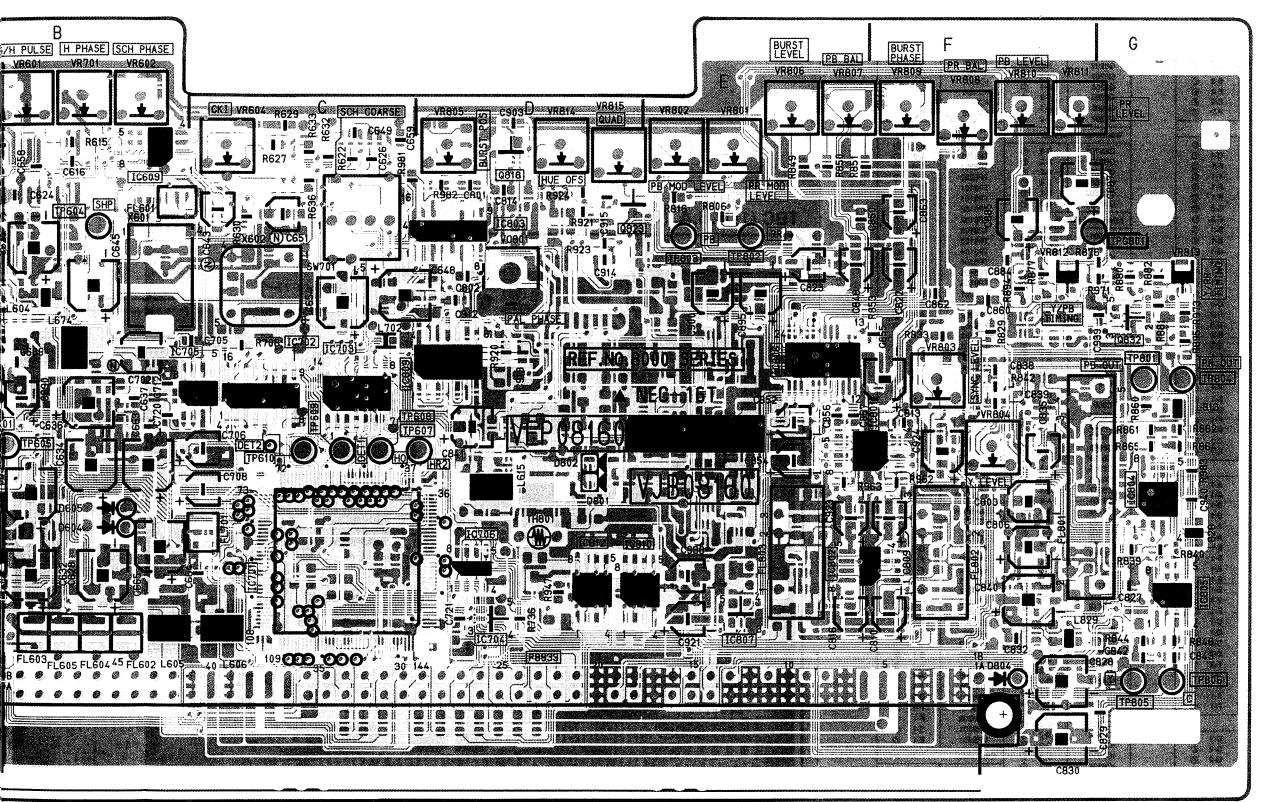


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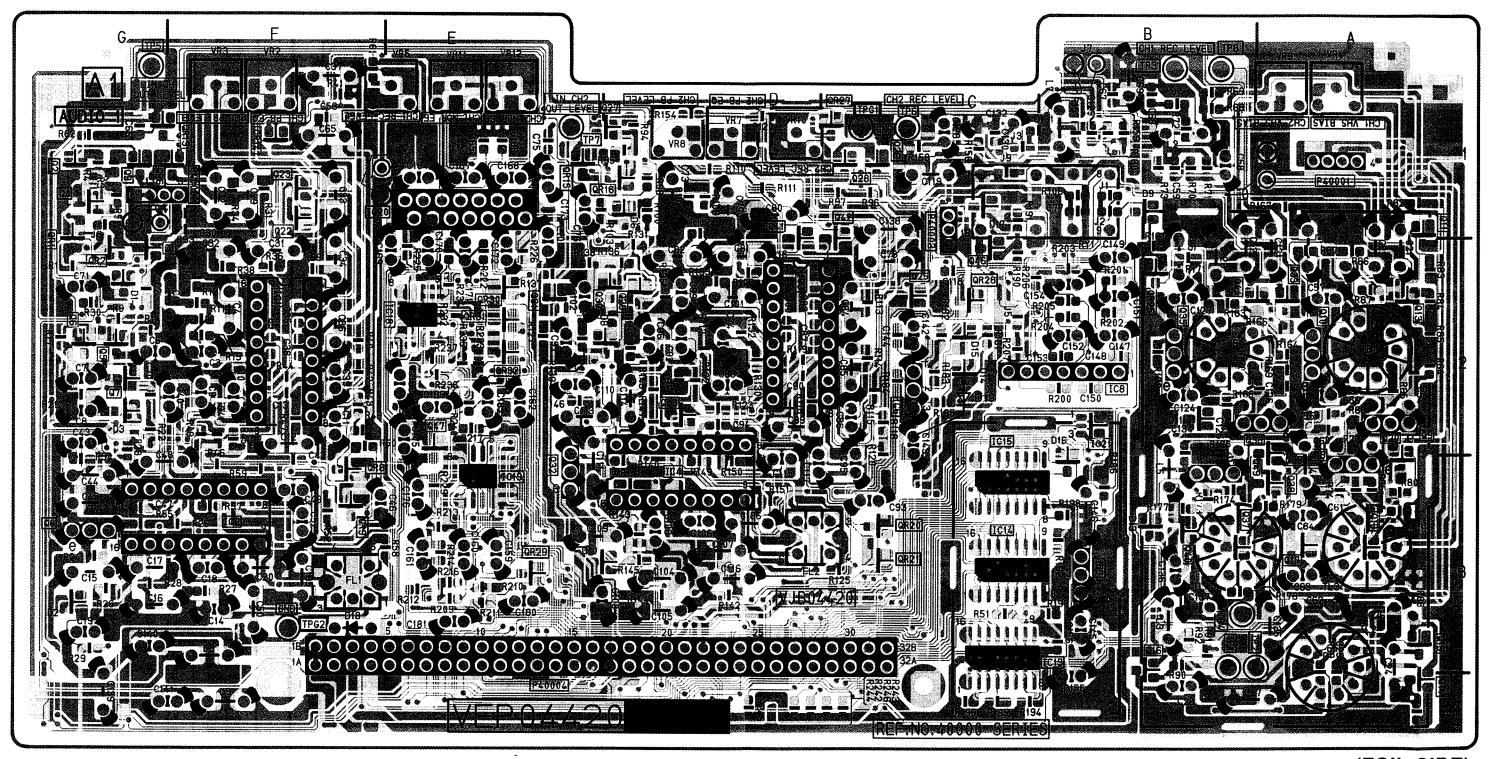
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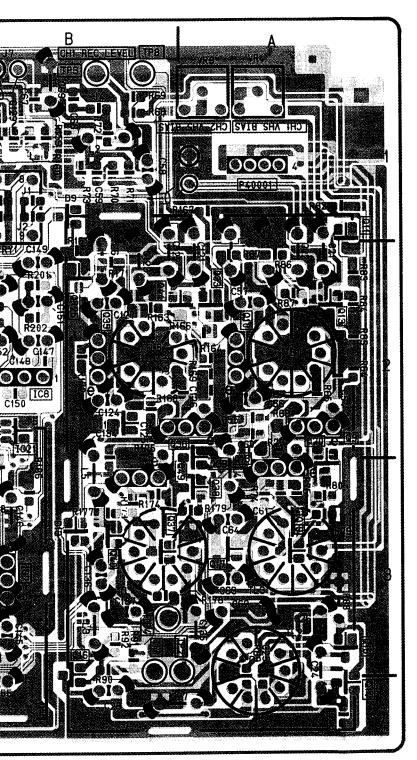
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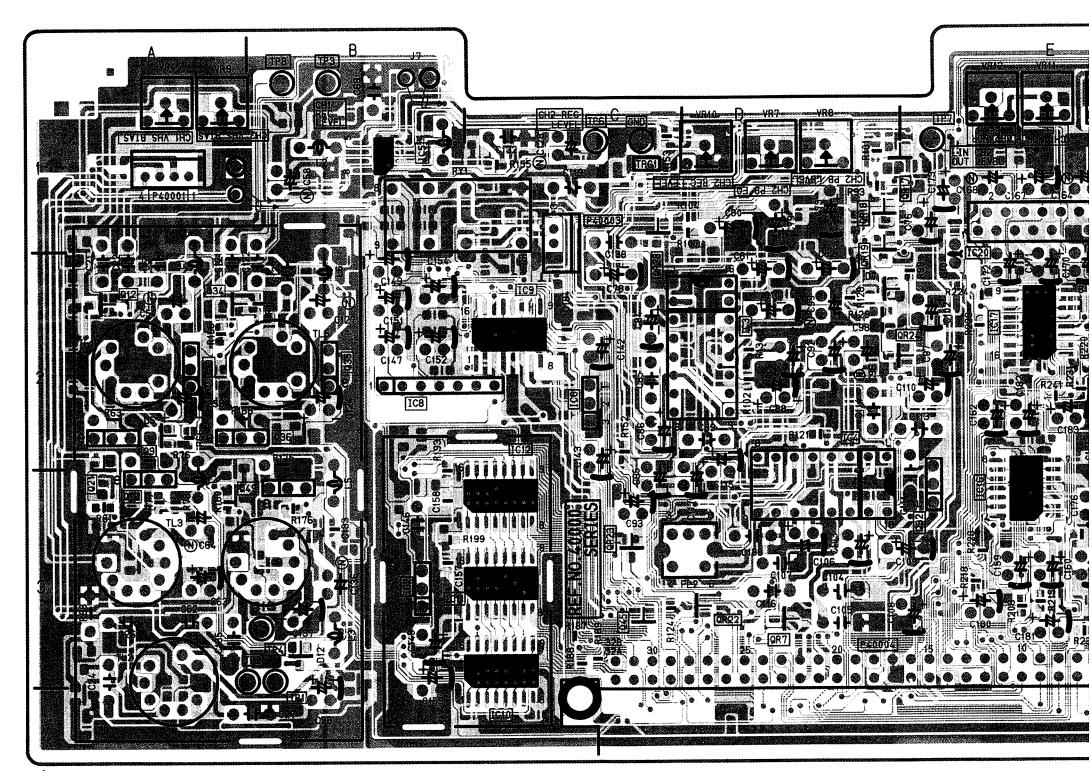
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Q8673	A-2 (Ē)	TP8606	A-1 ®
Q8701	B-2 ⑥	TP8607	C-2 ©
Q8801	F-2 (f)	TP8607	D-2 ①
Q8802 Q8803	D-1 © F-2 ©	TP8608	C-2 ©
Q8804	F-2 ①	TP8608	C-2 ①
Q8805	F-3 (Ē	TP8609	C-2 ©
Q8806	G-3 🖲	TP8609 TP8610	C-2 (E) C-2 (C)
Q8808	F-2 (F)	TP8610	C-2 ®
Q8809	G-2 ©	TP8801	G-2 ©
Q8810	F-1 (F)	TP8801	G-2 🖲
Q8811 Q8812	F-2 ⑤ G-2 ⑥	TP8802	E-1 ©
Q8813	G-2 ®	TP8802	E-1 (f)
Q8814	E-2 ⑤	TP8803	E-1 ©
Q8815	E-3 (F)	TP8803 TP8804	E-1 (£) G-2 (£)
Q8816	D-2 🕞	TP8804	G-2 ®
Q8817	D-1 ©	TP8805	G-3 ©
Q8818	D-1 ©	TP8805	G-4 🗊
Q8819 Q8820	E-2 (F) D-3 (F)	TP8806	G-3 ©
Q8821	D-3 (Ē)	TP8806	G-4 (Ē)
Q8822	D-1 (Ē	TPG8601	A-2 ©
Q8823	D-1 ©	TPG8601 TPG8801	A-2 © G-1 ©
Q8824	F-3 ①	TPG8801	G-1 ①
Q8825	F-3 ©		
Q8826 Q8827	D-2 (Ē) E-3 (Ē)	Adjustment	,
Q8828	D-3 ®	VC8671	A-2 ©
Q8829	D-2 🕞	VC8671	A-2 ©
Q8830	D-2 🕞	VC8801 VC8801	D-1 © D-2 ©
Q8831	E-2 🕞	VR8601	B-1 ©
Q8832	G-2 ©	VR8601	B-1 ①
Integrated Cir	rcuit	VR8602	B-1 ©
IC8601	A-3 €	VR8602	B-1 ©
IC8602	A-3 🕞	VR8603 VR8603	B-1 © B-1 €
IC8603	B-1 (F)	VR8604	C-1 ©
IC8604	B-2 (Ē)	VR8604	C-1 (Ē)
IC8605 IC8606	A-1 © A-1 ®	VR8671	A-1 ©
IC8607	C-1 ®	VR8671	A-1 (Ē)
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IC8609	B-1 ©	VR8701 VR8801	B-1 (Ē) E-1 (©)
IC8610	C-1 (Ē)	VR8801	E-1 (f)
IC8613	B-3 ©	VR8802	E-1 ©
IC8671 IC8672	A-3 © A-3 ©	VR8802	E-1 🕝
IC8672	B-2 ©	VR8803	F-2 ©
IC8674	B-2 ⑤	VR8803	F-2 ⑤
IC8701	C-3 ©	VR8804 VR8804	F-2 © F-2 ©
IC8702	C-2 ©	VR8804 VR8805	D-1 ©
IC8703	C-2 ©	VR8805	D-1 (F)
IC8704 IC8705	D-3 © C-2 ©	VR8806	E-1 ©
IC8705	D-3 ©	VR8806	E-1 (Ē
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IC8802	E-3 ©	VR8807	E-1 ©
IC8803	D-1 ©	VR8808 VR8808	F-1 © F-1 ©
1C8804	G-3 ©	VR8809	F-1 ©
IC8805	G-3 ©	VR8809	F-1 (Ē
IC8806 IC8807	E-2 © E-3 ©	VR8810	F-1 ©
IC8808	D-2 ⑥	VR8810	F-1 ①
IC8809	D-2 ©	VR8811	F-1 ©
IC8810	D-3 ©	VR8811 VR8812	F-1 ⑤ F-2 ⑥
IC8811	G-3 (F)	VH8812 VR8813	F-2 © G-2 ©
IC8812	D-3 ©	VR8814	D-1 ©
Test Point		VR8814	D-1 (Ē
	A-2 ©	VR8815 VR8815	D-1 © D-1 ©
TP8601	1 A2 A		
TP8601	A-2 (F) A-4 (C)	-	
	A-2 (f) A-4 (f) A-4 (f)	Connector	
TP8601 TP8602 TP8602 TP8603	A-4 © A-4 © A-4 ©	Connector P8933	D-3 ©
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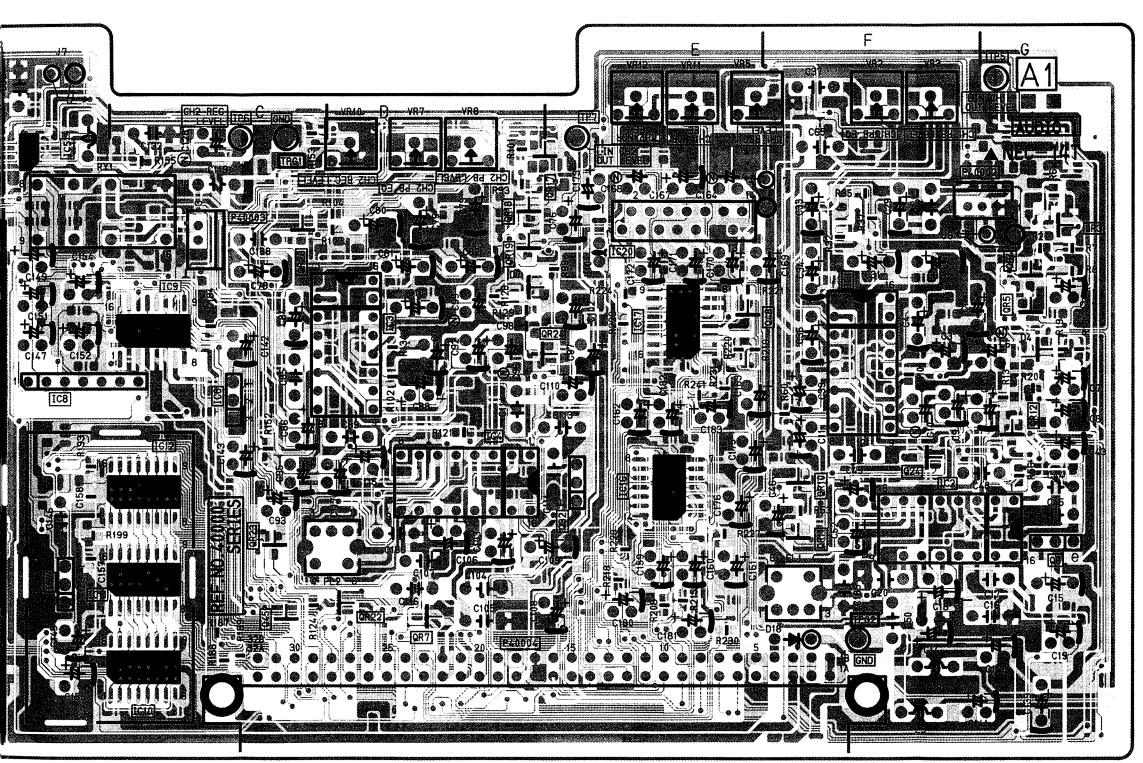


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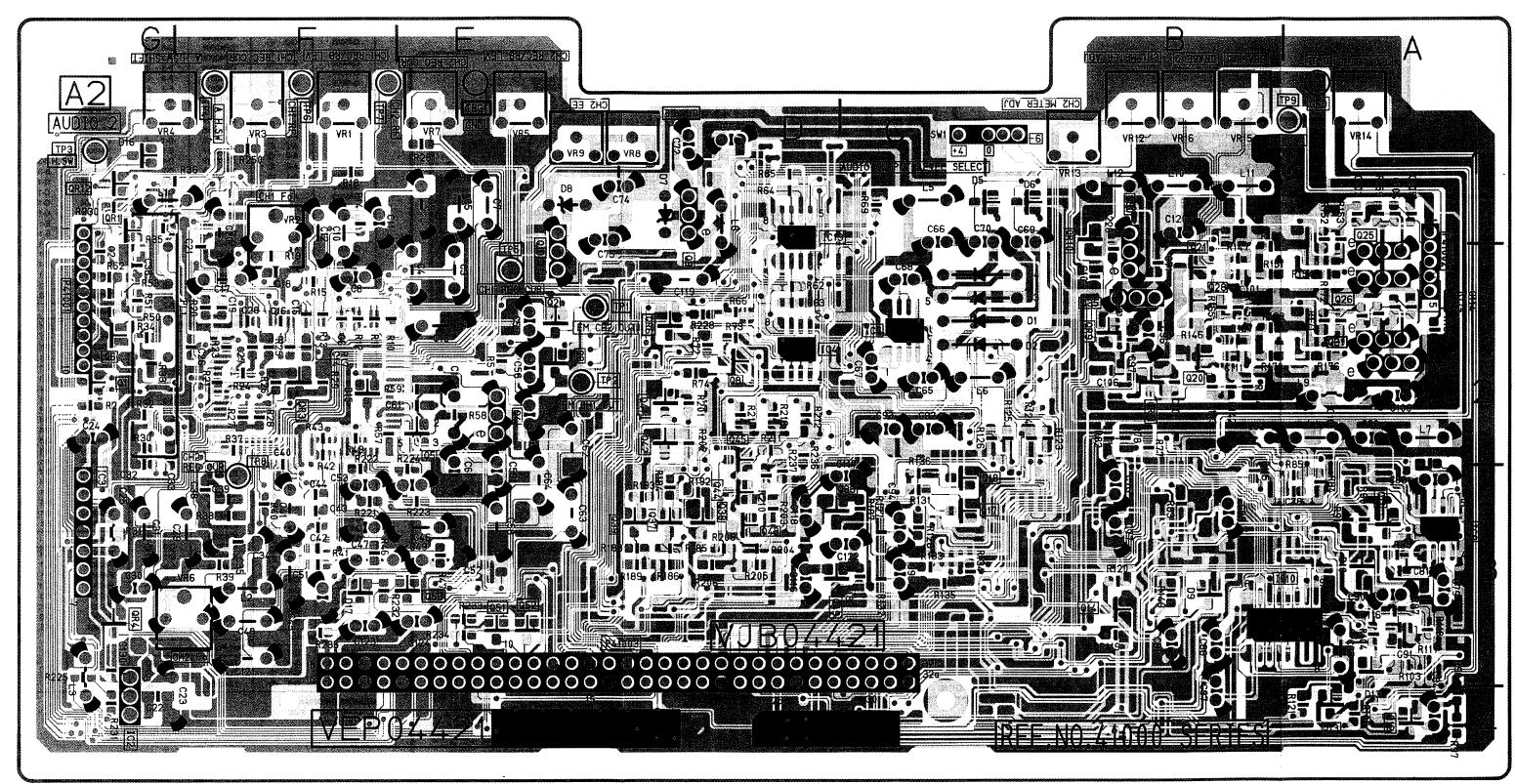
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Q40043 Q40044 Q40045 Q40046 Q40047 Q40048 Q40049 Q40049 Transistor & R	B-2 © C-3 © C-2 © E-2 © E-2 © B-3 © B-3 © esistor	IC40016 IC40017 IC40018 IC40019 IC40020 IC40020 IC40021 Test Point	E-2 © E-2 © E-3 © E-1 © E-1 © B-2 ©	P40002 P40003 P40003 P40004	F-1 © G-1 © C-1 © C-1 © D-3 ©
Q40043 Q40044 Q40045 Q40046 Q40047 Q40048 Q40049 Q40049 Transistor & R	B-2 © C-3 © C-2 © E-2 © B-3 © B-3 © B-3 © G-2 © G-2 ©	IC40016 IC40017 IC40018 IC40019 IC40020 IC40020 IC40021 Test Point	E-2 © E-2 © E-3 © E-1 © E-1 © B-2 ©	P40002 P40003 P40003 P40004	F-1 © G-1 © C-1 © C-1 © D-3 ©
Q40043 Q40044 Q40045 Q40046 Q40047 Q40048 Q40049 Q40049 Transistor & R QR40001 QR40002 QR40003	B-2 © C-3 © C-2 © E-2 © B-3 © B-3 © G-2 © G-2 © G-1 ©	IC40016 IC40017 IC40018 IC40019 IC40020 IC40020 IC40021 Test Point TL40001 TL40001	E-2 © E-2 © E-3 © E-1 © E-1 © B-2 © A-2 © A-2 ©	P40002 P40003 P40003 P40004	F-1 © G-1 © C-1 © C-1 © D-3 ©
Q40043 Q40044 Q40045 Q40046 Q40047 Q40048 Q40049 Q40049 Transistor & R	B-2 © C-3 © C-2 © E-2 © B-3 © B-3 © B-3 © G-2 © G-2 ©	IC40016 IC40017 IC40018 IC40019 IC40020 IC40020 IC40021 Test Point	E-2 © E-2 © E-3 © E-1 © E-1 © B-2 ©	P40002 P40003 P40003 P40004	F-1 © G-1 © C-1 © C-1 © D-3 ©

ADDRESS INFORMATION

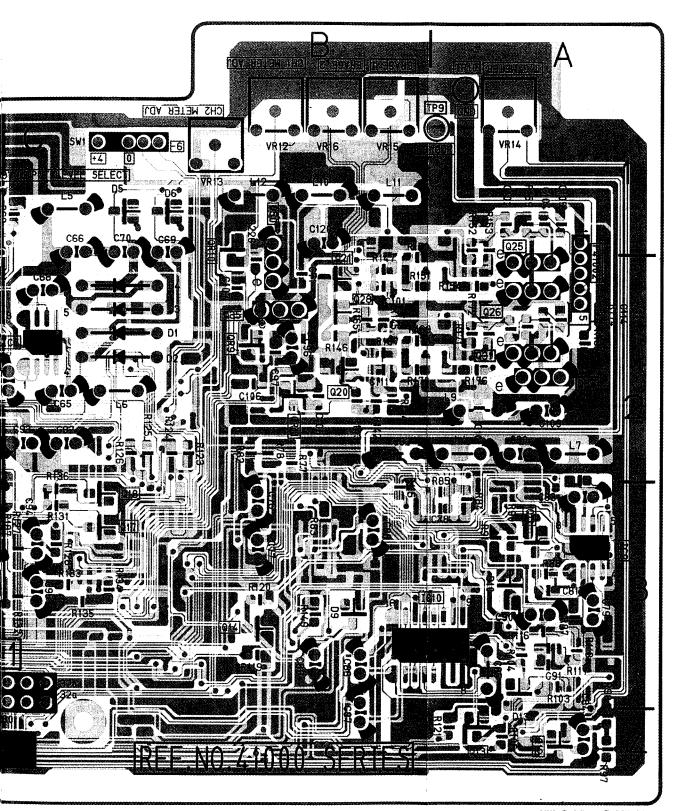
© ... COMPONENT SIDE

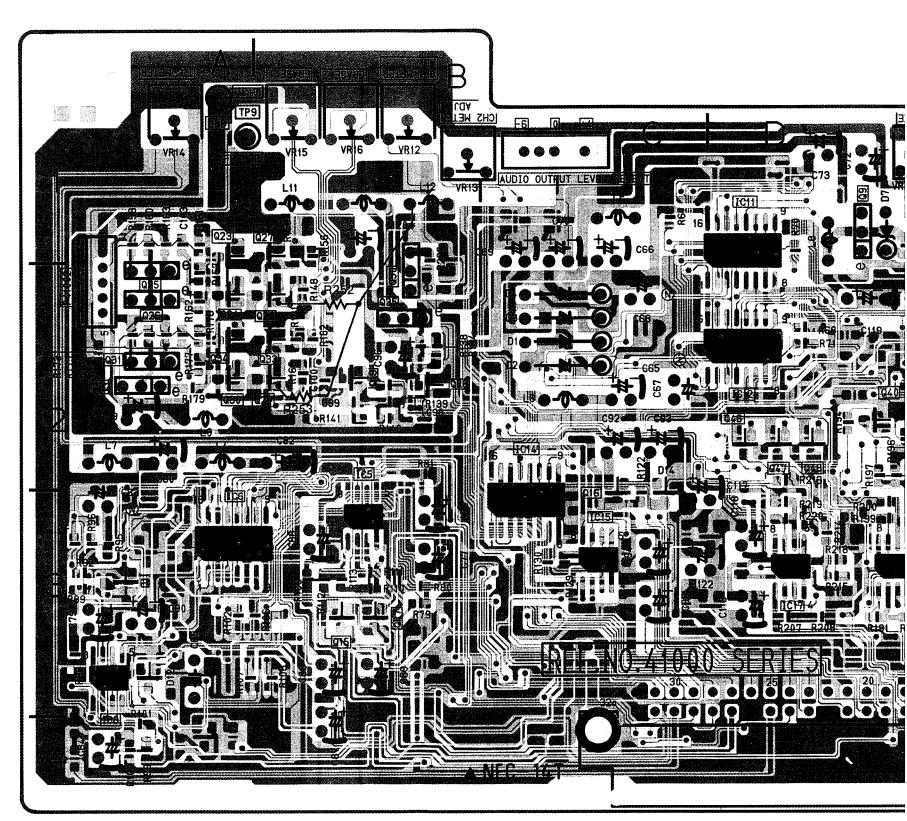
© ... FOIL SIDE

(COMPONENT SIDE)

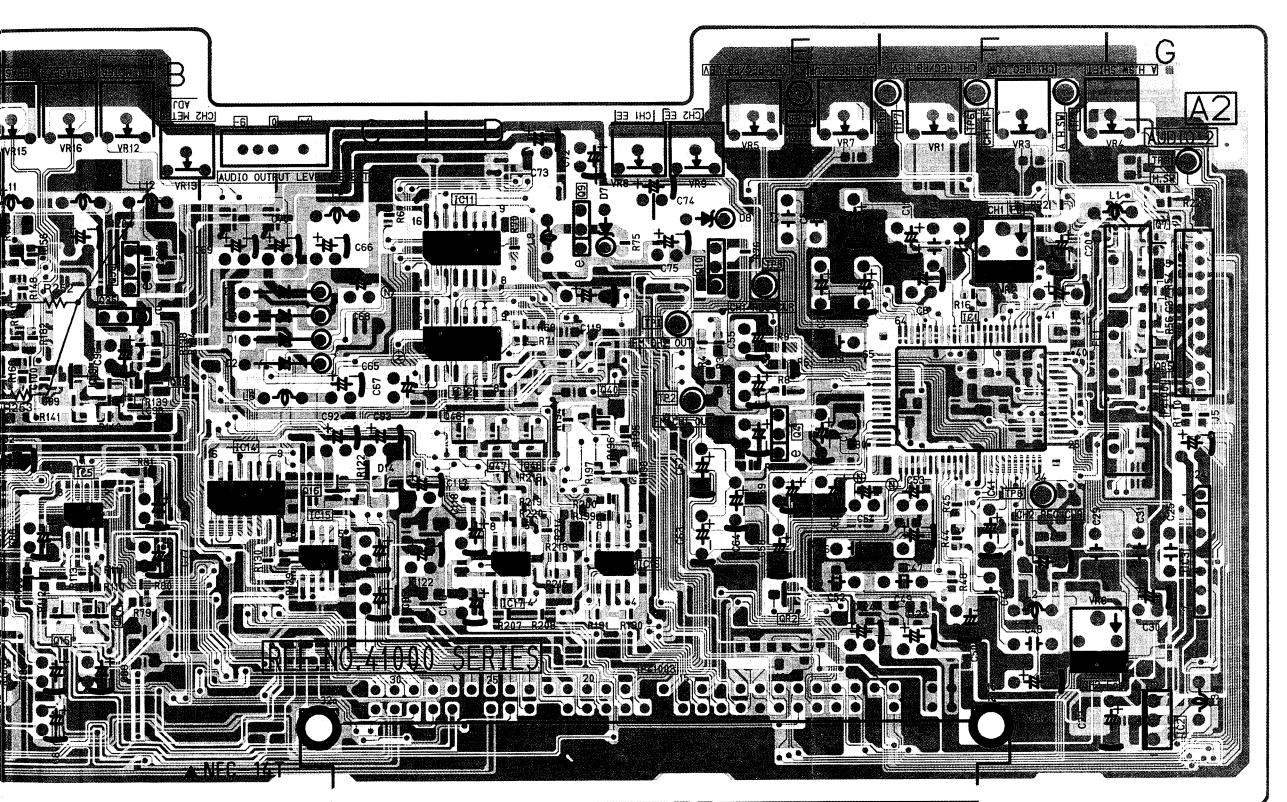


(FOIL SIDE)





(FOIL SIDE)

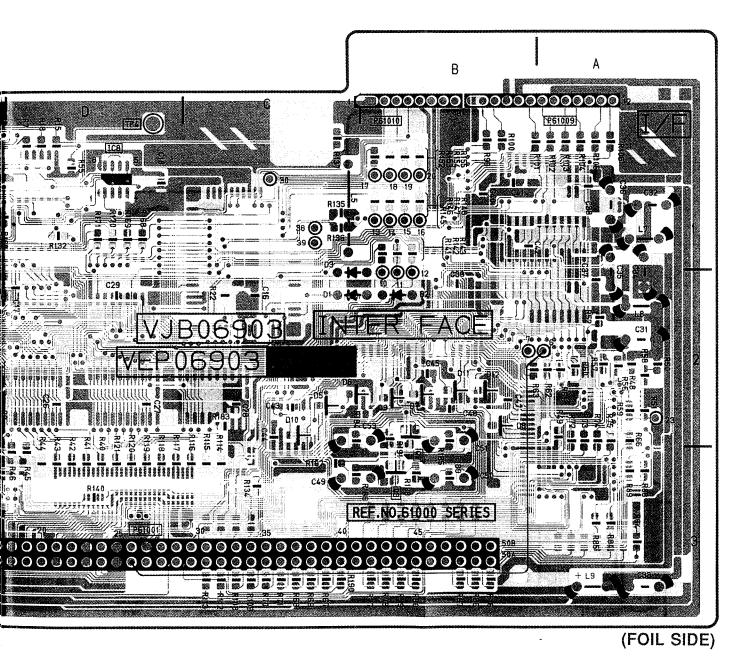


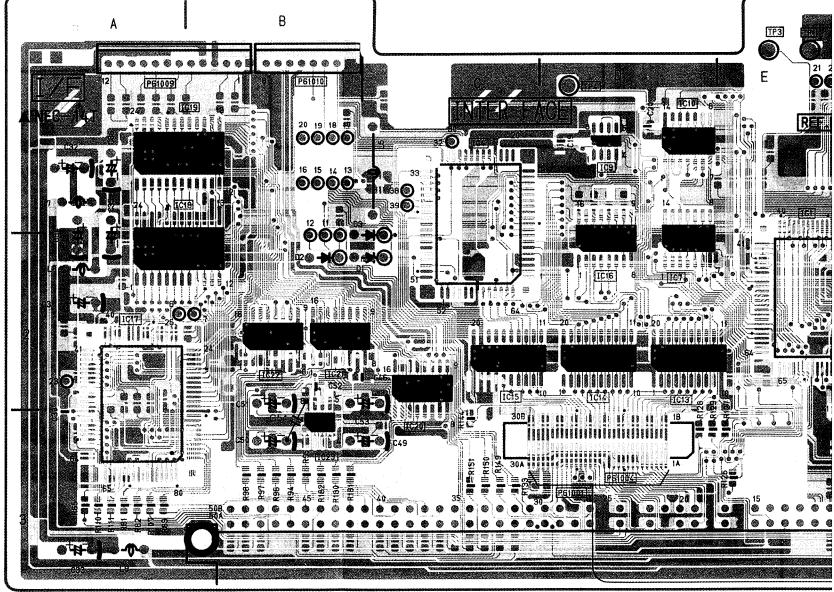
(COMPONENT SIDE)

	AUDIO	(2) C.B.A.	
Transistor		IC41002	G-4 ®
		IC41003	G-3 ©
Q41001	G-2 🕑	IC41003	G-3 🕏
Q41002	E-2 🕞	IC41004	D-2 🗊
Q41003	E-2 🕑	IC41005	B-3 ©
Q41003	F-2 🕑	IC41006	A-3 ©
Q41004	E-2 ©	IC41007	C-2 ®
Q41004	E-2 🕞	IC41008	A-3 ©
Q41005	E-2 (F)	IC41009	A-3 ①
Q41006	G-2 🕑	1C41010	A-3 ⑤
Q41007	G-1 ©	IC41011	D-1 ©
Q41008	D-2 🕞	IC41012	D-2 ©
Q41009	D-1 ©	IC41013	D-1 ⑤
Q41009	D-1 🕞	IC41014	C-3 ©
Q41010	E-2 ©	IC41015	C-3 ©
Q41010	E-2 (F)	IC41016	D-3 ©
Q41011	A-3 🕑	IC41017	D-3 ©
Q41012	A-4 🖲		
Q41013	A-4 🖲	Test Point	
Q41014	B-3 🖲	TP41001	E-2 ©
Q41015	B-3 ©	TP41001	E-2 ©
Q41016	C-3 ©	TP41001	E-2 ©
Q41017	C-3 (Ē	1	-
Q41018	C-3 (Ē	TP41002	_
Q41019	B-2 ©	TP41003	G-1 ©
Q41020	B-2 ⑤	TP41003	G-1 (E)
Q41021	B-2 (Ē)	TP41004	F-1 ©
Q41022	B-2 ©	TP41004	F-1 ①
Q41023	A-1 ©	TP41005	E-2 ©
Q41024	A-2 ©	TP41005	E-2 (f)
Q41025	A-2 ©	TP41006	F-1 ©
Q41025	A-2 ①	TP41006	F-1 ©
Q41026	A-2 ©	TP41007	F-1 ©
Q41026	A-2 (Ē)	TP41007	F-1 🕑
Q41027	B-1 ©	TP41008	F-3 ©
Q41028	B-2 ⑤	TP41008	F-3 ⊕
Q41029	B-2 ©	TP41009	A-1 ©
Q41030	A-2 ©	TP41009	A-1 🕞
Q41031	A-2 ©	TP41010	A-1 ©
Q41031	A-2 (F)	TP41010	A-1 ①
Q41032	A-2 ©	TPG40001	E-1 ©
Q41032	A-2 (f)	TPG40001	E-1 (f)
Q41033	B-2 ©	Adjustment	
Q41034	A-2 ©		
Q41035	B-2 ©	VR41001	F-1 ©
Q41035	B-2 ⑤	VR41001	F-1 ①
Q41036	D-3 (Ē)	VR41002	F-2 ©
Q41037	D-3 (f)	VR41002	F-1 ©
Q41038	D-3 🕞	VR41003	F-1 ©
Q41039	D-3 (Ē	VR41003	F-1 ©
Q41040	D-2 ©	VR41004	G-1 ©
Q41041	D-2 🗊	VR41004	F-1 ©
Q41042	D-2 (Ē)	VR41005	E-1 ©
Q41043	D-3 ®	VR41005	E-1 (f)
Q41044	D-3 (F)	VR41006	F-3 ©
Q41045	D-2 (F)	VR41006	F-3 ©
Q41046	D-2 ©	VR41007	E-1 ©
Q41047	D-2 ©	VR41007	E-1 ①
Q41048	D-2 ©	VR41008	D-1 ©
Q41049	D-3 (Ē	VR41008	D-1 ©
Q41050	B-2 ©	VR41009	E-1 ©
Q41050	B-1 (F)	VR41009	E-1 ©
Q41051	E-3 ①	VR41012	B-1 ©
Q41051 Q41052	E-3 ®	VR41012	B-1 ①
Q41052 Q41053	E-3 ®	VR41013	B-1 ©
		VR41013	B-1 (Ē
Transistor & P	esistor	VR41014	A-1 © A-1 Ū
QR41001	G-1 🕑	VR41014 VR41015	B-1 ©
	E-3 ©	VR41015	B-1 ©
QR41002		VR41015 VR41016	B-1 ©
QR41002 QR41004	G-3 ©	1 VD41UIO	ı <u>Б-</u> । ⊌
	G-3 (5) G-2 (5)		D.1 🗥
QR41004		VR41016	B-1 🕑
QR41004 QR41005 QR41006	G-2 ©		B-1 €
QR41004 QR41005	G-2 © D-2 ©	VR41016 Connector	
QR41004 QR41005 QR41006 QR41007	G-2 © D-2 © B-3 ©	VR41016 Connector P41001	G-2 ©
QR41004 QR41005 QR41006 QR41007 QR41008 QR41009	G-2 © D-2 © B-3 © B-2 © B-2 ©	VR41016 Connector P41001 P41001	G-2 © D-3 ①
QR41004 QR41005 QR41006 QR41007 QR41008	G-2 © D-2 © B-3 © B-2 © B-2 ©	VR41016 Connector P41001 P41001 P41002	G-2 © D-3 ① A-2 ©
QR41004 QR41005 QR41006 QR41007 QR41008 QR41009 QR41010	G-2 © D-2 © B-3 © B-2 © B-2 © B-1 ©	VR41016 Connector P41001 P41001 P41002 P41002	G-2 © D-3 ① A-2 ② A-2 ①
QR41004 QR41005 QR41006 QR41007 QR41008 QR41009 QR41010 QR41011 QR410112	G-2 © D-2 © B-3 © B-2 © B-1 © B-2 © G-1 ©	VR41016 Connector P41001 P41001 P41002 P41002 P41003	G-2 © D-3 Û A-2 © A-2 Û D-3 ©
QR41004 QR41005 QR41006 QR41007 QR41008 QR41009 QR41010 QR41011 QR410112 Integrated Circ	G-2 © D-2 ① B-3 ① B-2 ② B-1 ① B-1 ① G-1 ①	VR41016 Connector P41001 P41001 P41002 P41002	G-2 © D-3 ① A-2 ② A-2 ①
QR41004 QR41005 QR41006 QR41007 QR41008 QR41009 QR41010 QR41011	G-2 © D-2 © B-3 © B-2 © B-1 © B-2 © G-1 ©	VR41016 Connector P41001 P41001 P41002 P41002 P41003	G-2 © D-3 ① A-2 ② A-2 ① D-3 ②

ADDRESS INFORMATION ©...COMPONENT SIDE

	9 PIN CONNECT C.B.A. Connector P69005 C-2 P69006 C-2 ADDRESS INFORMATION	
C	9 PIN CONNECT C.B.A. (E33 VEP 0 6 9 0 6 9 PIN CONNECT 8 9 PIN CONNECT 8 9 PER 0 6 9 0 6 VJB 0 6 9 0 6 V) INTERFACE C.B.A. (E9)
B		VJB06903 VEP06903 REROSDO SRIES REROSDO SRIES
	(FOIL SIDE)	



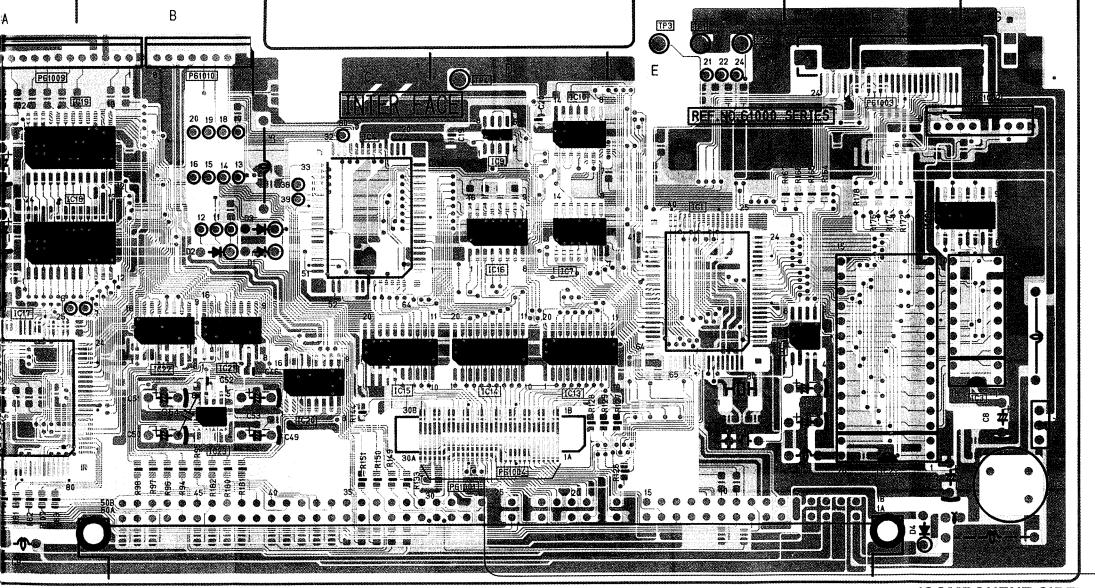


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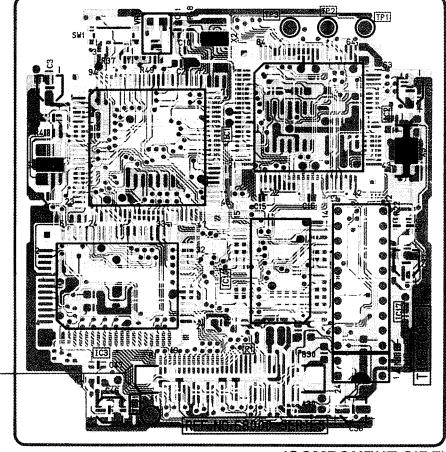
		INTÉRFA	CE C.B.A.		
Transistor		IC61011	C-3	TP61003	C-4
Q61001 Q61002 Q61003	B-3 B-6 B-6	IC61013 IC61014 IC61015	B-11 B-10 B-10	TP61003 TP61004 TP61004	C-11 C-5 C-10
Integrated Cir	rcuit	IC61016 IC61017	B-10 B-8	Connector	
IC61001 IC61002 IC61002 IC61003 IC61003 IC61004	B-11 B-3 B-12 B-3 B-12 C-10	IC61018 IC61019 IC61020 IC61021 IC61022 IC61023	B-9 C-9 B-10 B-9 B-9	P61001 P61001 P61002 P61002 P61003 P61004 P61009	A-5 A-10 C-3 C-12 C-12 A-10 C-7
IC61005 IC61006	B-12 B-12	Test Point		P61009	C-9
IC61007 IC61008 IC61009 IC61010	B-11 C-5 C-10 C-11	TP61001 TP61001 TP61002 TP61002	C-4 C-11 C-4 C-11	P61010 P61010	C-6 C-9

	TIME	CODE C.B.A.	
ransistor		IC68016	A-1
Q68001	B-1	IC68017	A-1 A-14
Integrated Cir	cuit	Test Point	Α-14
IC68001	B-14	TP68001	B-1
IC68002	B-14	TP68001	B-14
IC68003	A-13	TP68002	B-1
IC68004	B-2	TP68002	B-14
IC68005	B-2	TP68003	B-1
IC68006	A-2 B-2	TP68003	B-14
IC68007 IC68008	A-2	TPG68001	A-2
IC68009	A-2 A-2	Adjustment	
IC68010	A-14	VR68001	B-14
IC68011	B-2	V1100001	
IC68012	B-1	Connector	
IC68013	A-1	P68001	A-14
IC68014	B-1	' ' '	
IC68015	B-2		

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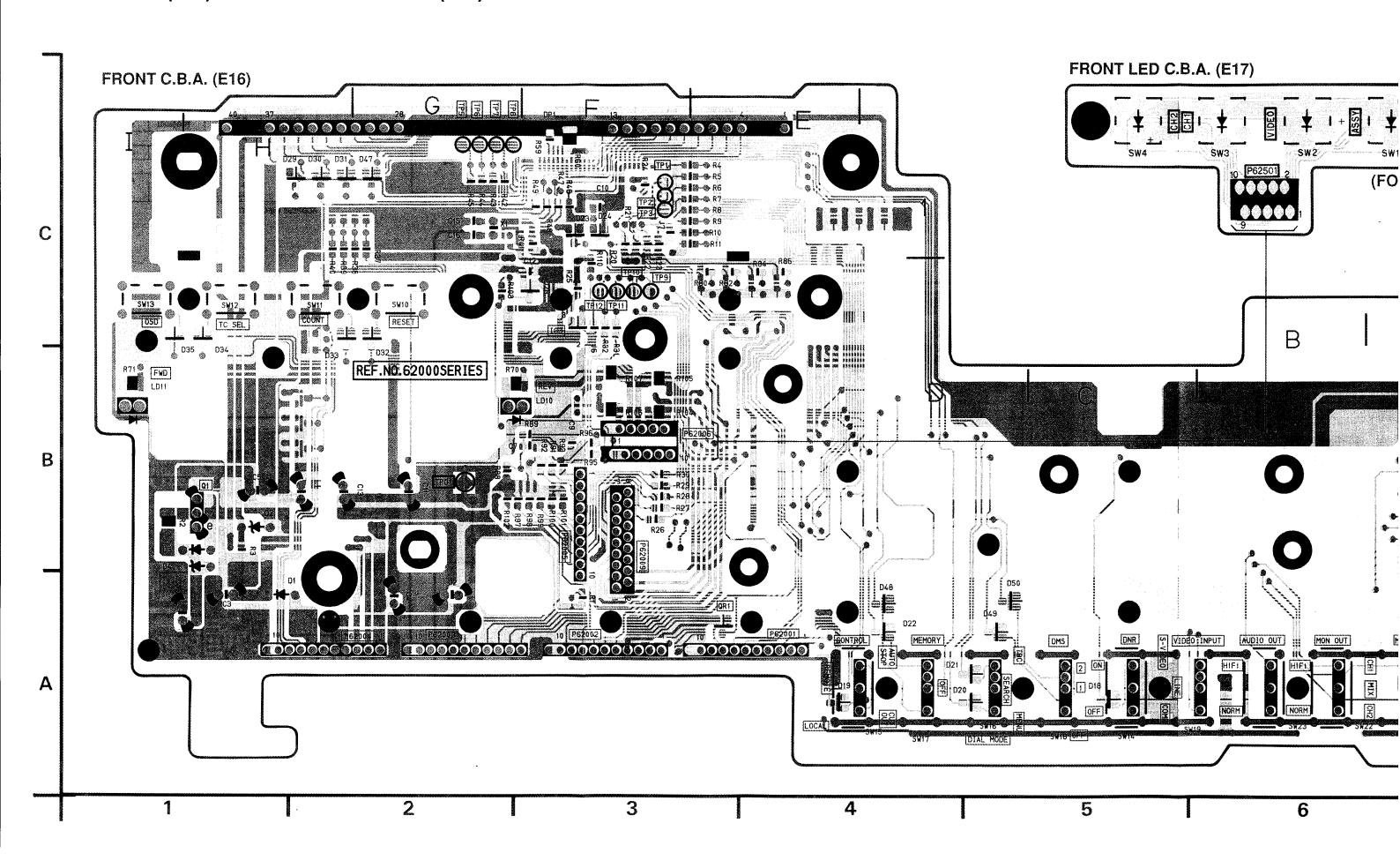


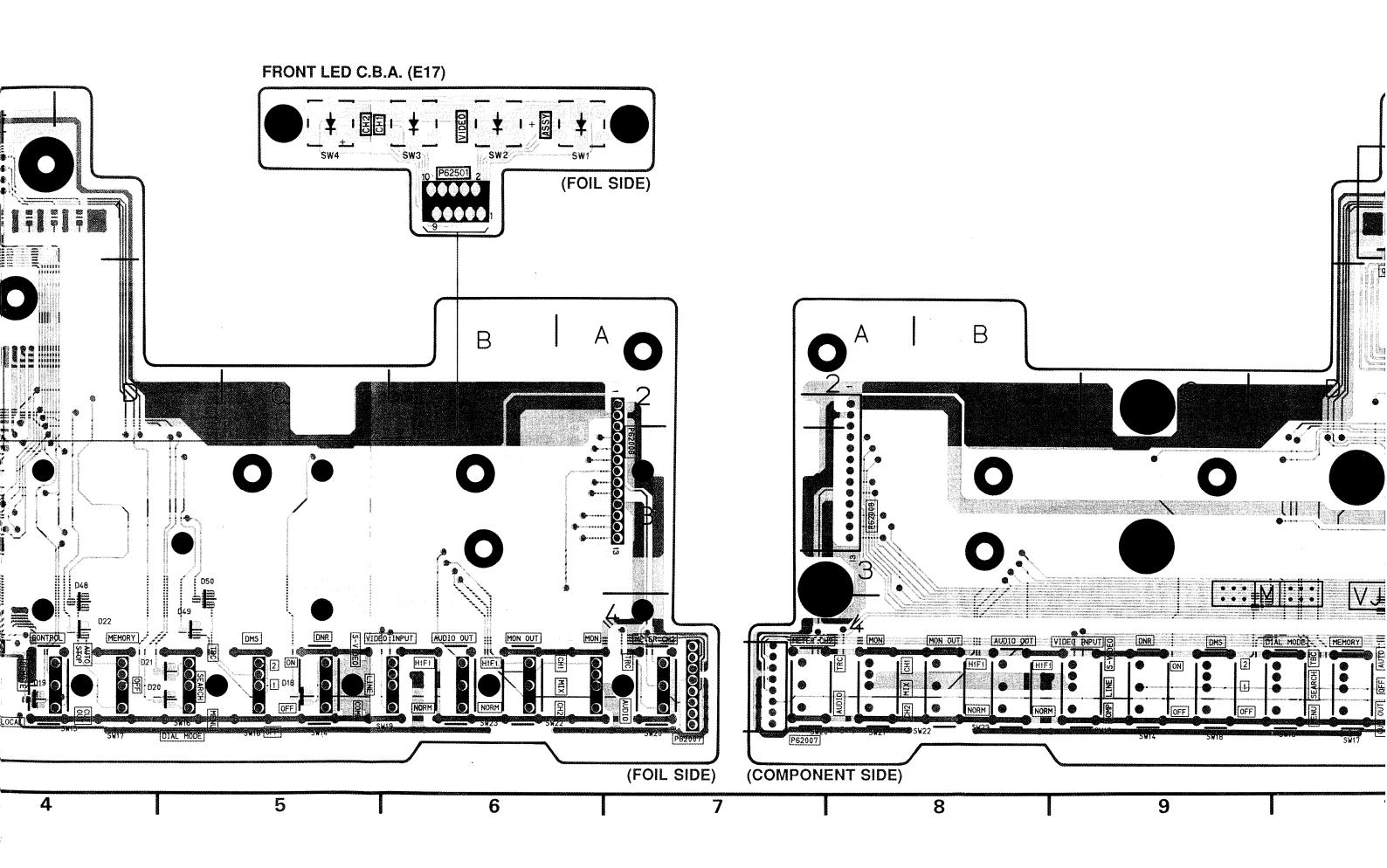
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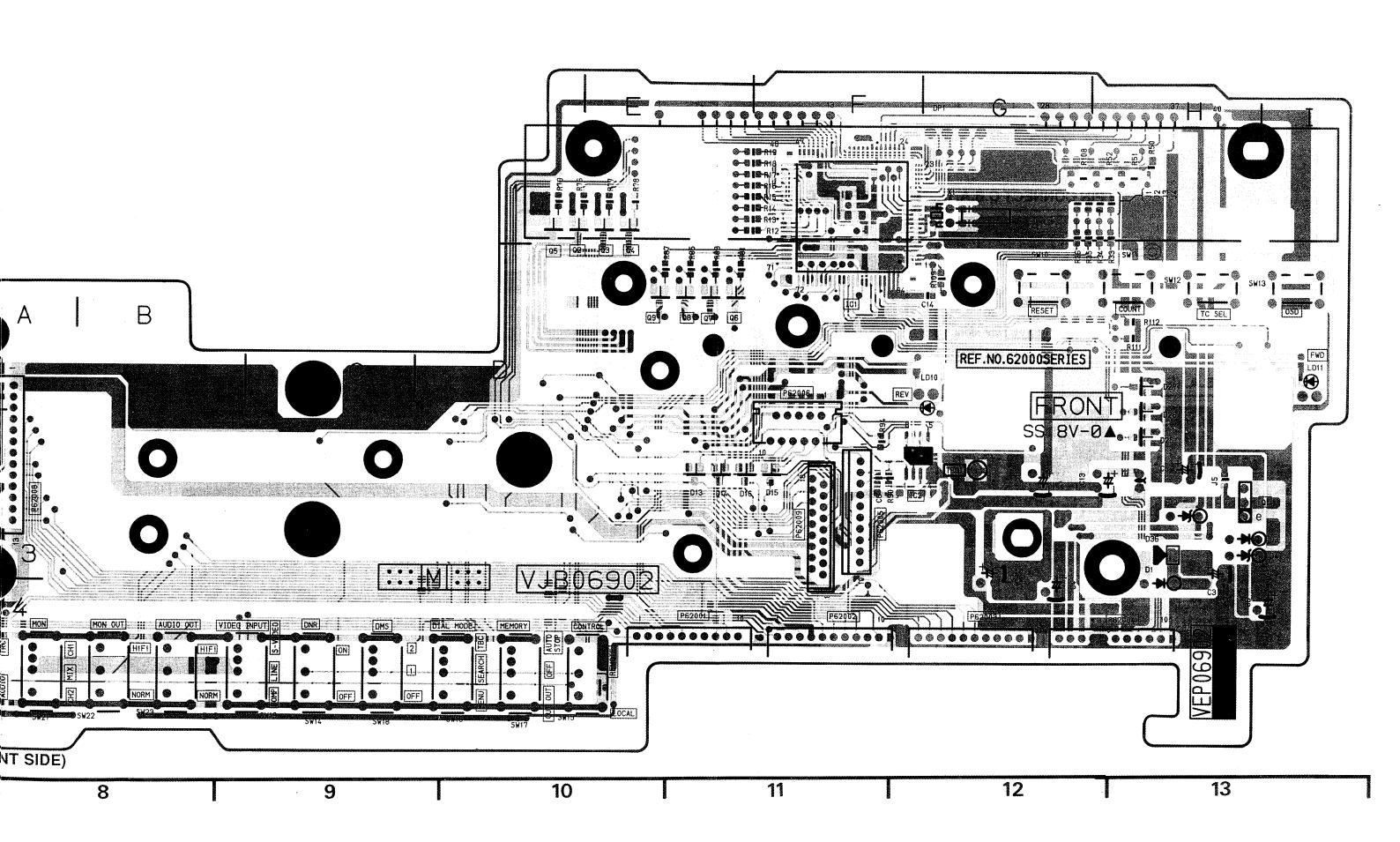


(COMPONENT SIDE)

9 10 11 12 13 14







KEYBOARD C.B.A. (E18)

FRONT C.B.A.		
Transistor		
Q62001	B-1	
Q62001	B-13	
Q62002	C-10	
Q62003	C-10	
Q62004	C-10	
Q62005	C-10	
Q62006	C-11	
Q62007	C-11	
Q62008	C-11	
Q62009	C-10	
T		

Transistor & Resistor		
QR62001 A-3 Integrated Circuit		
IC62002	B-12	
IC62003	C-3	

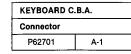
IC62003	C-3	
Test Point		
TP62001	C-3	
TP62002	C-3	
TP62003	C-3	
TP62005	C-2	
TP62006	C-2	
TP62007	C-2	
TP62008	C-2	
TP62009	C-3	
TP62010	C-3	
TP62011	C-3	
TP62012	C-3	
TPG62001	B-2	
TPG62001	B-12	

	1PG62001	B-12
	Connector	· ·
	P62001	A-4
	P62001	A-11
	P62002	A-3
i	P62002	A-11
	P62003	A-2
	P62003	A-12
	P62004	A-2
	P62004	A-13
	P62005	B-3
	P62005	B-11
	P62006	B-3
	P62006	B-11
	P62007	A-7
	P62007	A-7
	P62008	B-7
	P62008	B-8
	P62009	B-3
	P62009	B-11

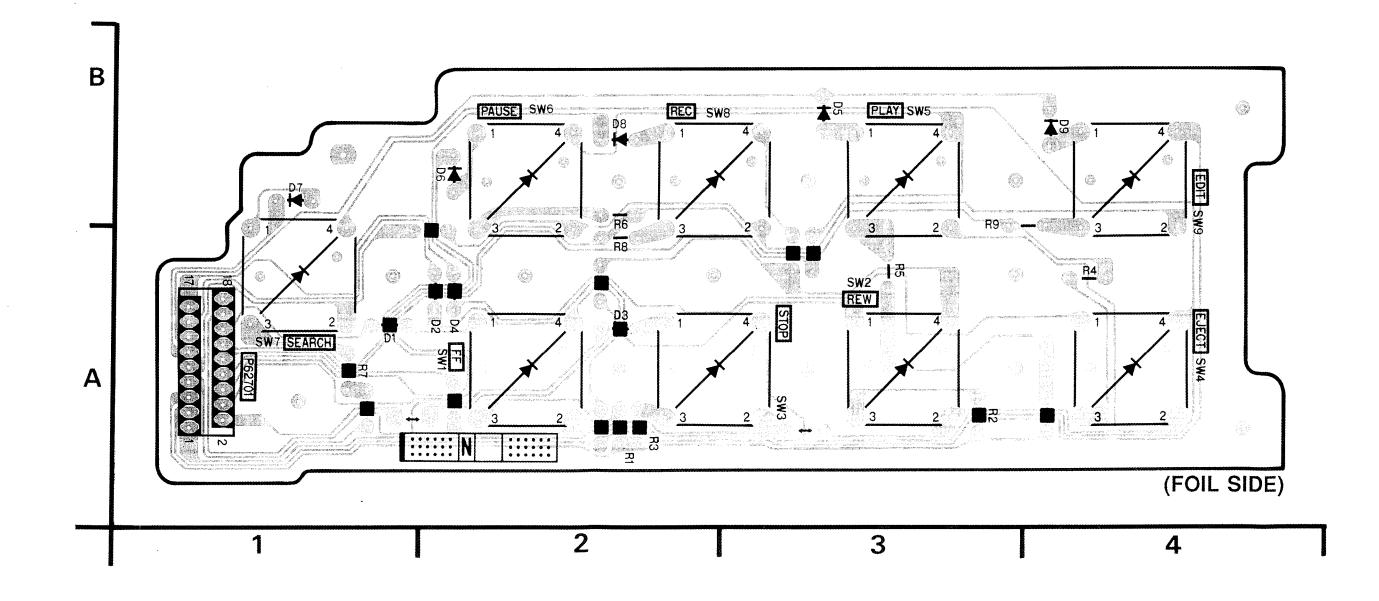
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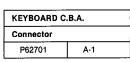
FRONT LED C.B.A.	
Connector	
P62501	C-6

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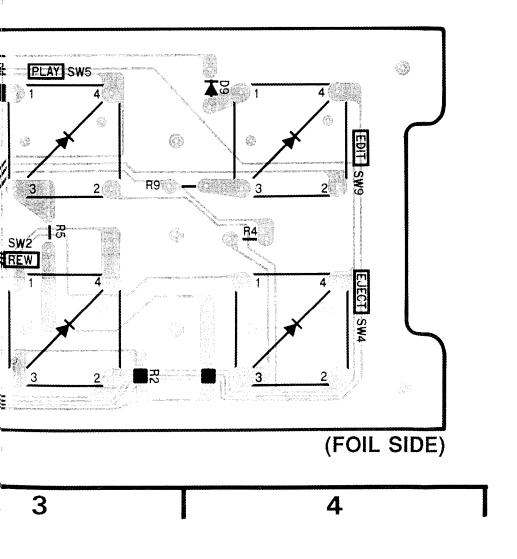


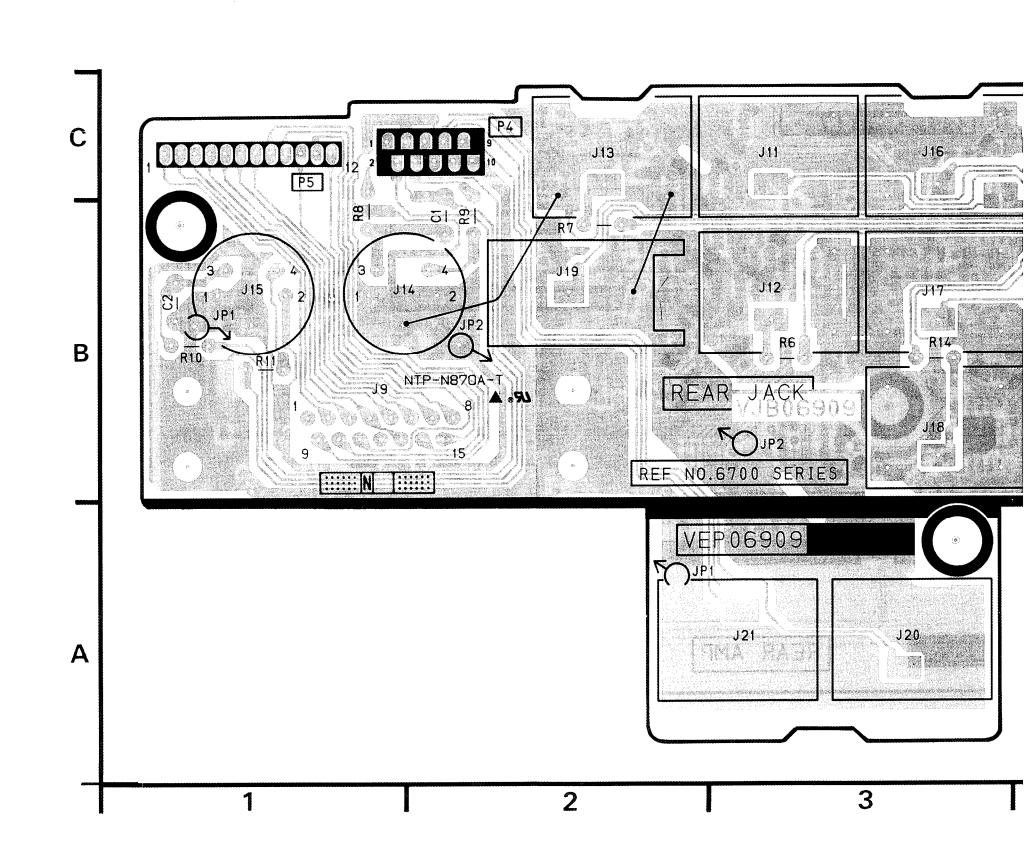
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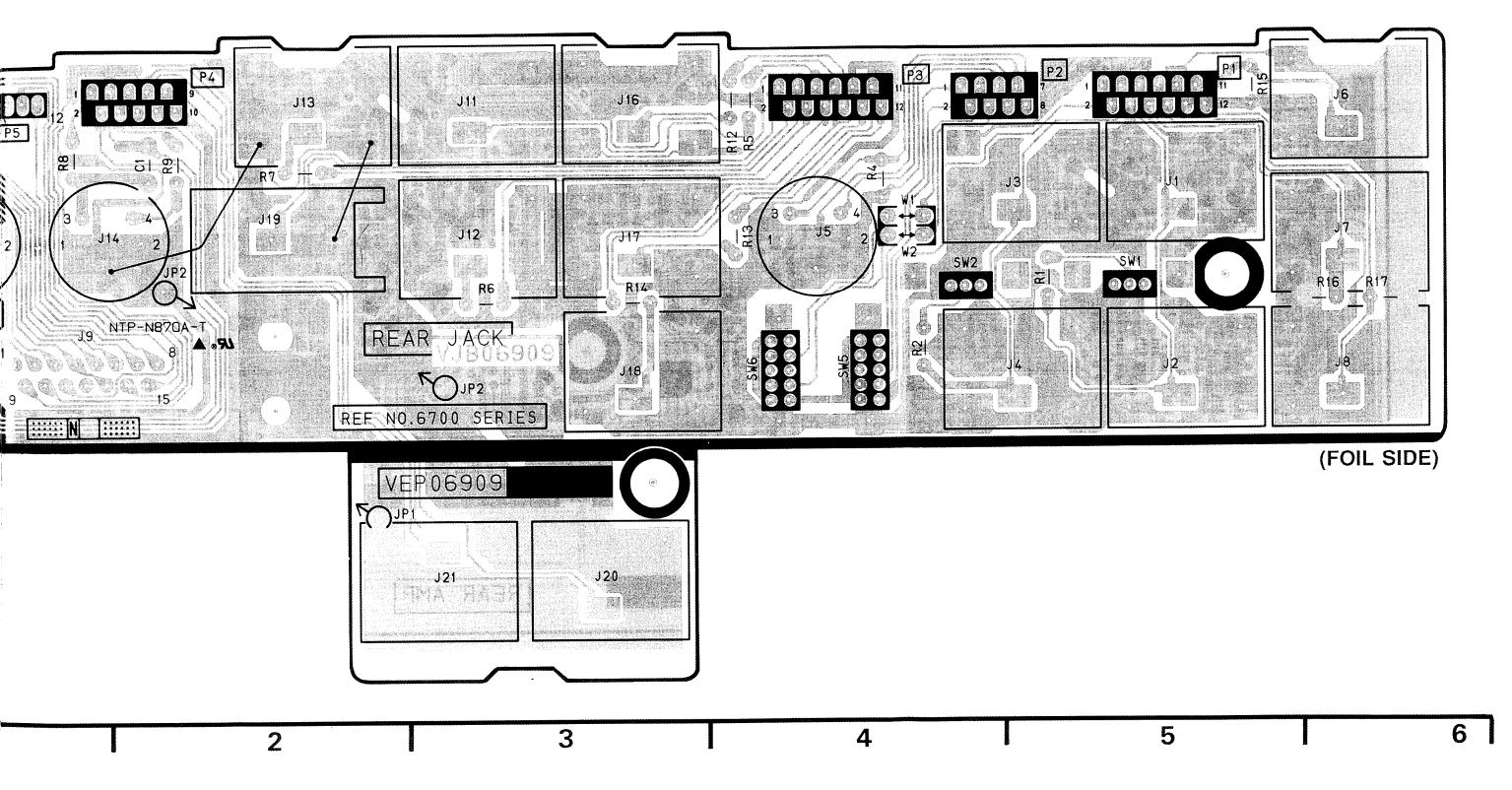
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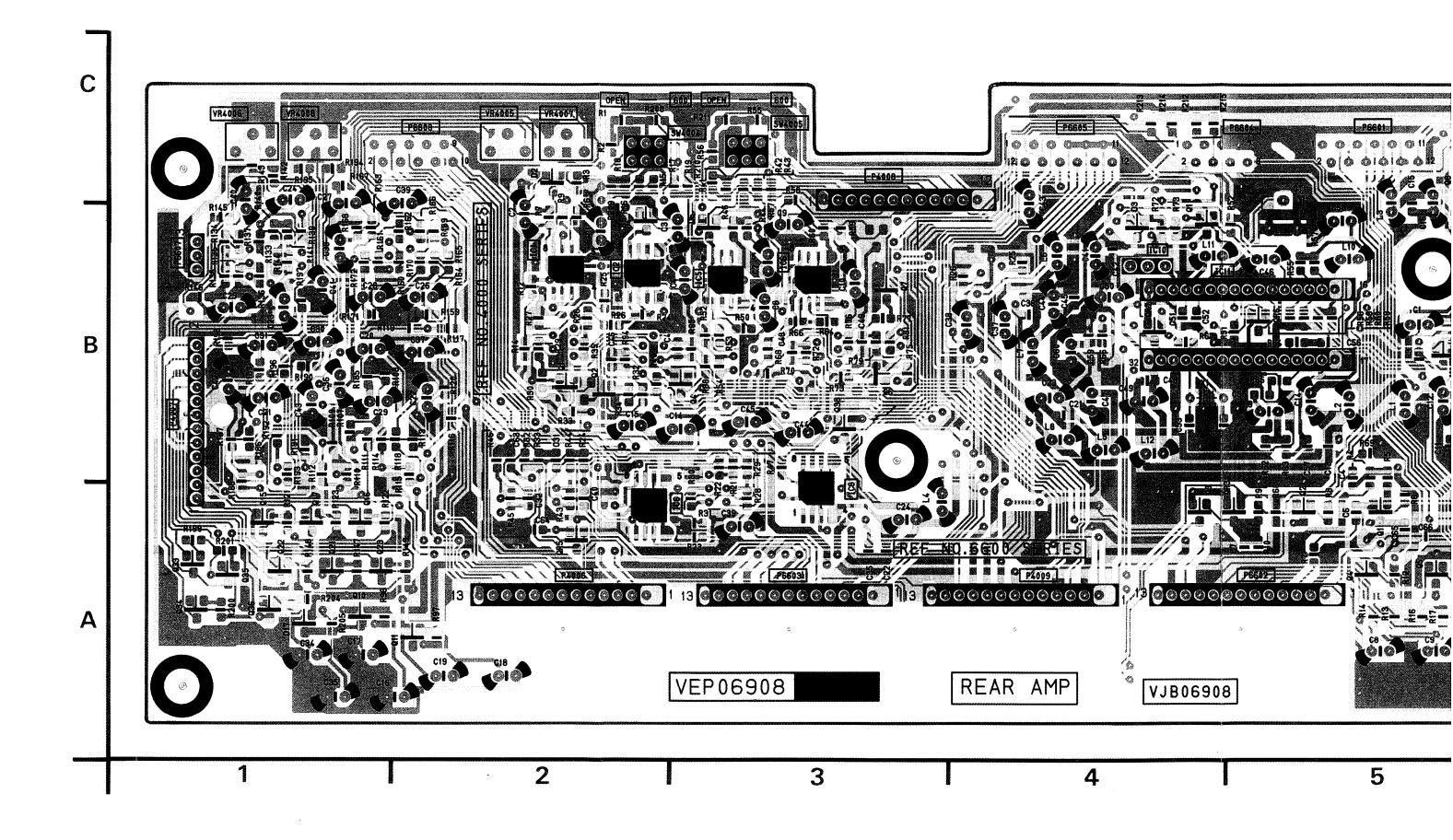


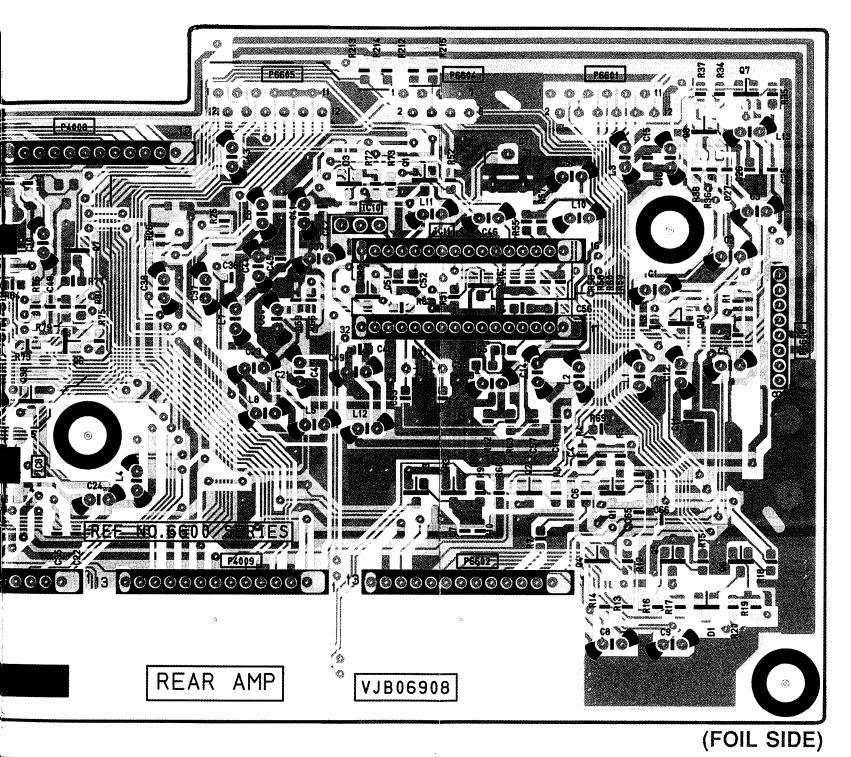


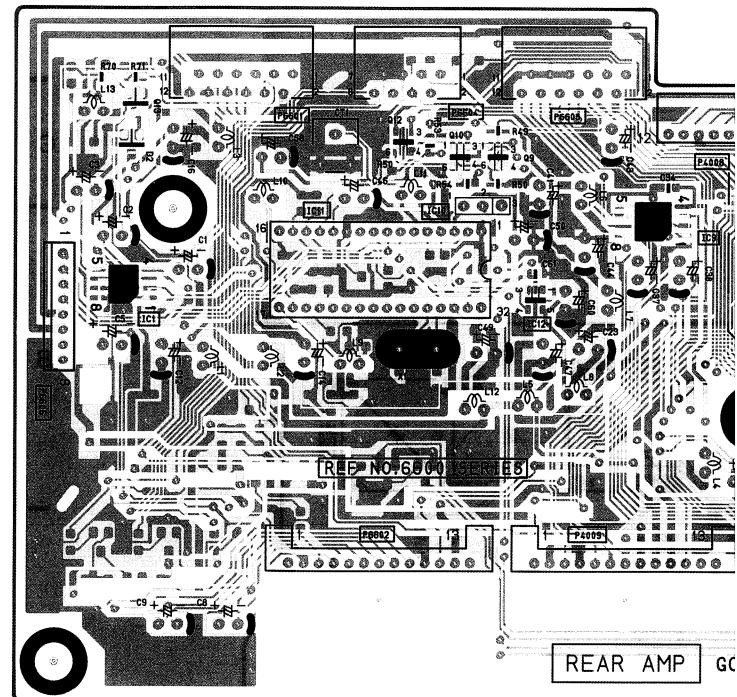
REAR JACK C.B.A. Connector		
P6702	C-4	
P6703	C-4	
P6704	C-2	
P6705	C-1	

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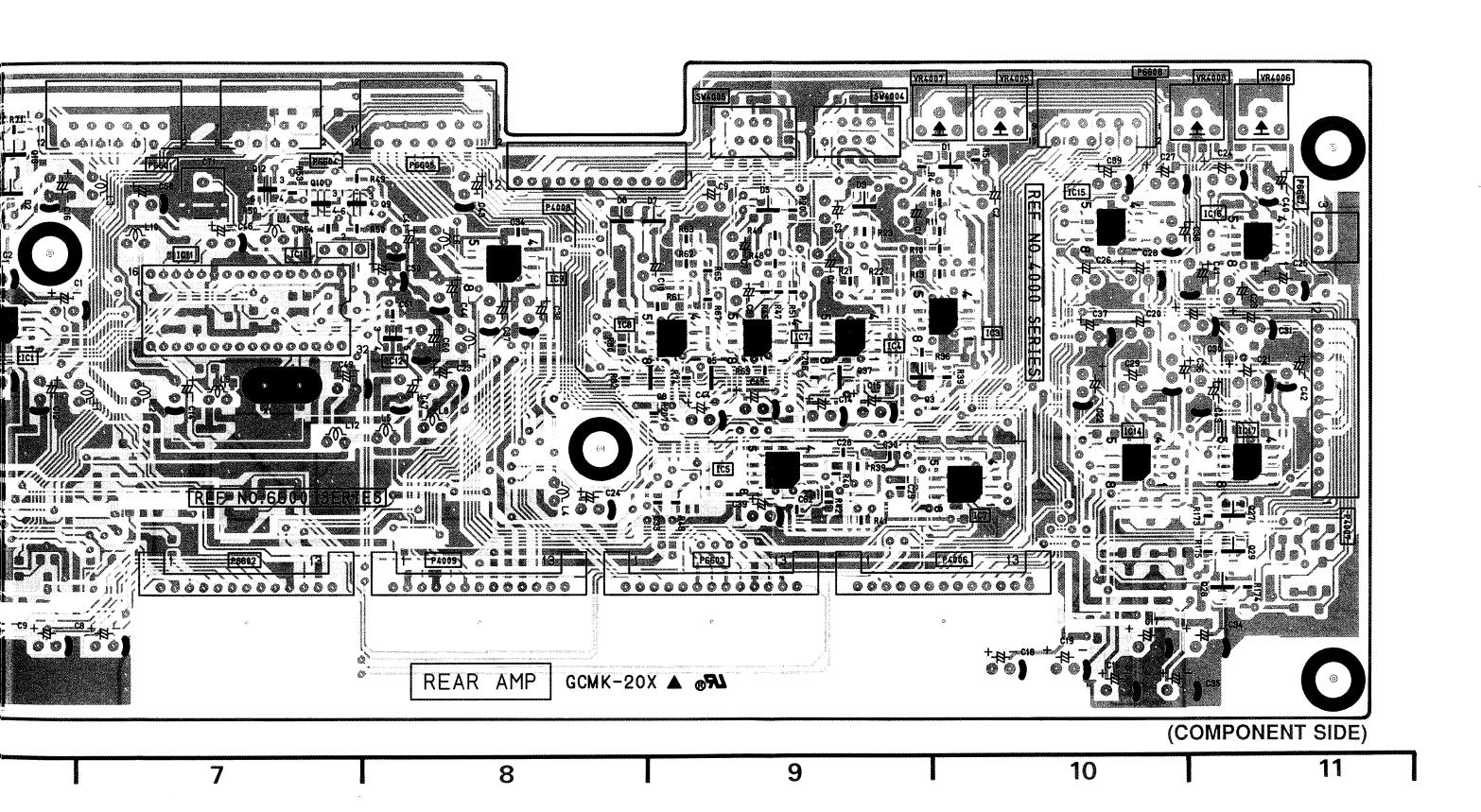








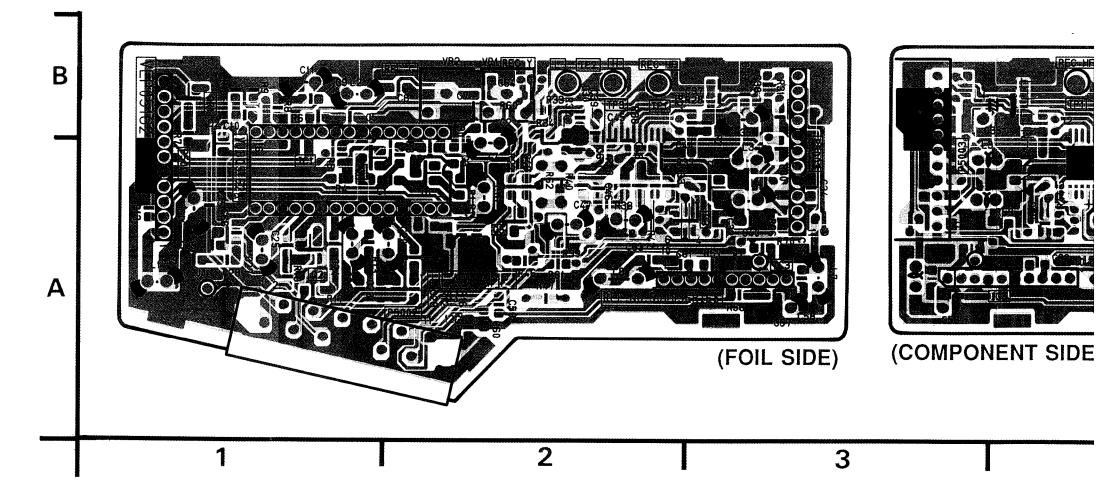
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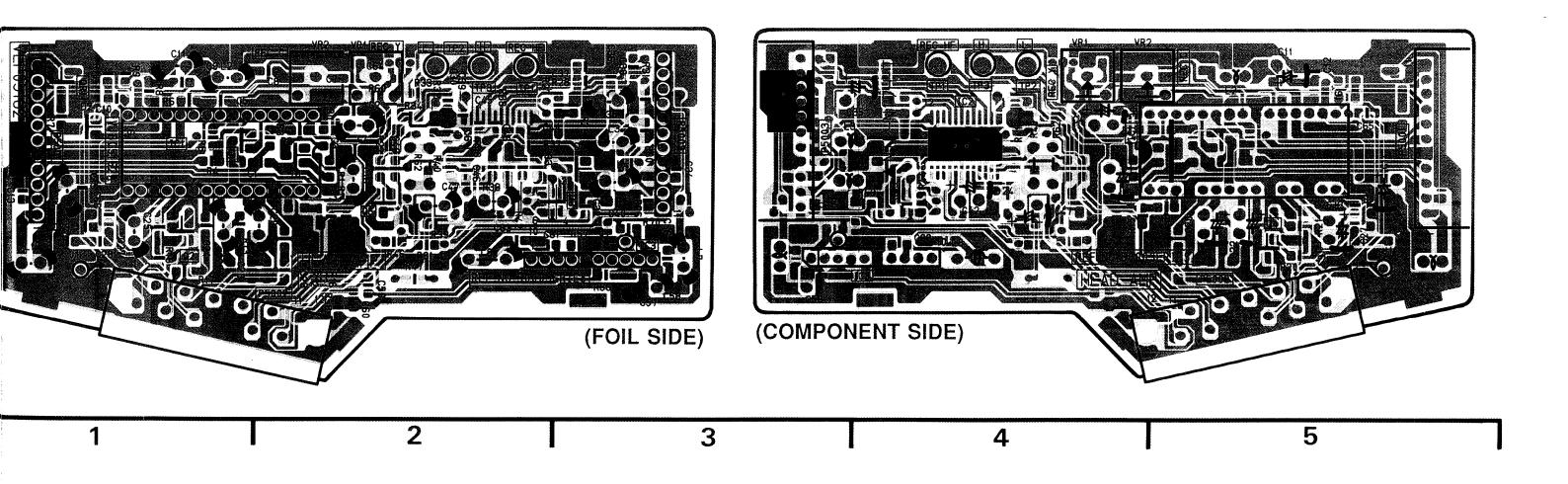
HEAD AMP C.B.A. (E15)

	···		
	REAR A	MP C.B.A.	
Transistor		IC4007	B-9
Q4001	B-2	IC4008	B-9
Q4002	B-2	IC4014	B-10
Q4003	B-9	IC4015	B-10
Q4004	B-3	IC4016	B-11
Q4005	B-9	IC4017	B-11
Q4006	B-3	IC6601	B-6
Q4007	B-3	IC6605	B-9
Q4008	B-9	IC6606	A-2
Q4010	A-1	IC6607	A-10
Q4011	A-2	IC6608	A-3
Q4015	A-1	IC6609	B-8
Q4016	A-1	IC6610	B-4
Q4017	A-1	IC6610	B-7
Q4021	A-1	IC6611	B-4
Q4022	A-1	IC6611	B-7
Q4023	A-1	IC6612	B-8
Q4027	A-11	Adjustment	
Q4028	A-11	VD 4005	
Q4029	A-11	VR4005	C-2
Q4033	A-1	VR4005	C-10
Q4034	A-1	VR4006	O-1
Q4035	A-1	VR4006	C-11
Q4036	A-1	VR4007	C-2
Q4037	B-9	VR4007	C-10
Q4038	B-3	VR4008	C-1
Q6601	A-5	VR4008	C-11
Q6602	A-5	Connector	
Q6603	A-4	P4006	A-2
Q6604	A-5	P4006	A-10
Q6605	A-5	P4007	B-1
Q6606	A-5	P4007	B-11
Q6607	C-5	P4008	C-3
Q6608	C-5	P4008	C-8
Q6609	B-7	P4009	A-4
Q6610	B-7	P4009	A-4 A-8
Q6611	B-4	P6601	C-5
Q6612	C-7	P6601	C-7
Q6613	C-6	P6602	A-5
Transistor & R	esistor	P6602	A-7
		P6603	A-3
QR6601	B-5	P6603	A-9
QR6603	A-5	P6604	C-5
QR6605	A-2 B-5	P6604	C-7
QR6606 QR6607	B-5 B-4	P6605	C-4
		P6605	C-8
Integrated Circ		P6606	B-6 B-6
IC4001	B-2	P6606 P6607	В-6 В-1
IC4002	B-2	P6607	
1C4003	B-10	P6607 P6608	B-11 C-2
IC4004	B-9	P6608	C-2 C-10
IC4005	B-3	F0000	G-10
IC4006	B-3		

Transistor		
Q5001	A-1	
Q5002	A-1	
Q5003	A-3	
Q5004	A-5	
Q5005	A-2	
Transistor & I	Resistor	
QR5001	B-1	
Integrated Cir	cuit	
IC5001	A-1	
IC5001	A-5	
IC5002	A-4	
IC5003	A-3	
IC5003	A-4	
Test Point		
TP5001	B-2	
TP5001	B-4	
TP5002	B-2	
TP5002	B-4	
TP5003	B-2	
TP5003	B-4	
Adjustment		
VR5001	B-2	
VR5001	B-4	
VR5002	B-2	
VR5002	B-4	
Connector		
P5001	A-1	
P5001	A-5	
P5002	A-2	
P5002	A-5	
P5003	A-3	
P5003	A-3	



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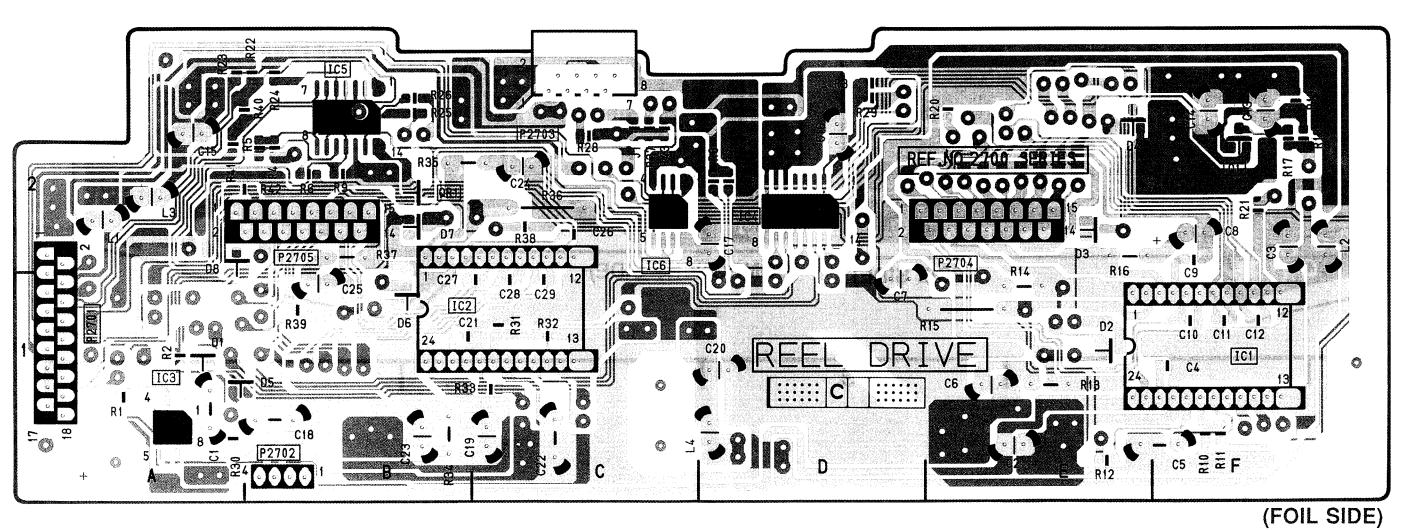
XLR M

XLR F

В

REEL DRIVE C.B.A.						
Transistor	Transistor					
Q2701	F-2					
Transistor & R	esistor					
QR2701	B-2					
Integrated Circ	cuit					
IC2701	F-1					
IC2702	C-1					
IC2703	A-1					
IC2704	D-2					
IC2705	B-2					
IC2706	C-2					
Connector						
P2701	A-1					
P2702	B-1					
P2703	C-2					
P2704	E-2					
P2705	B-2					

ADDRESS INFORMATION



XLR M C.B.A. (E30) AND XLR F C.B.A. (E31)

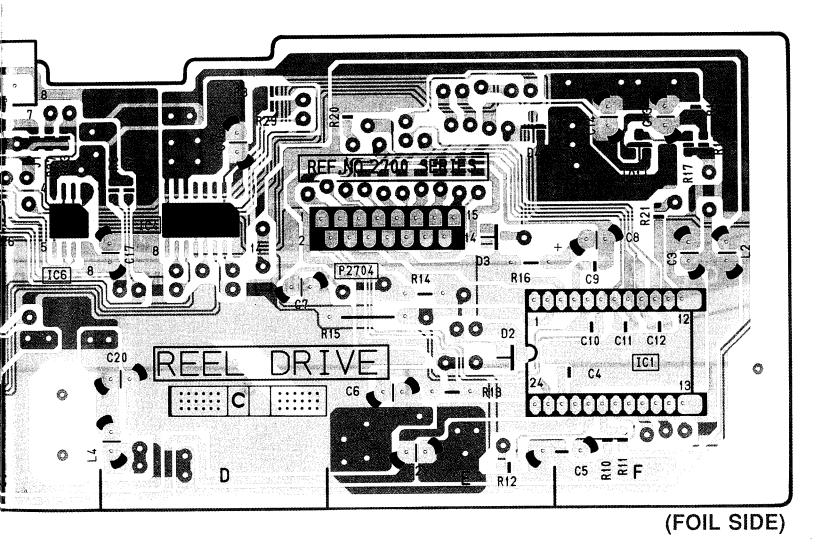
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Connector	
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P6707	B-1

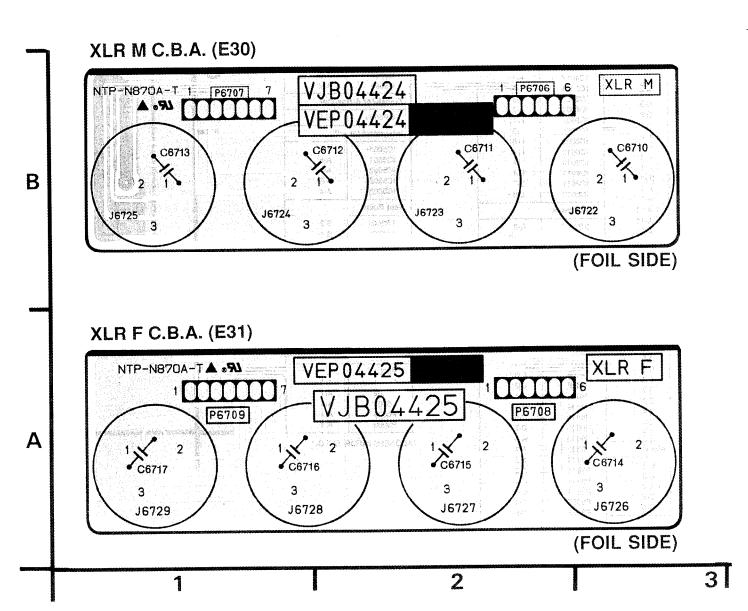
10101	
DDESS INFO	RMATION

XLR F C.B.A.	
Connector	
P6708	A-2
P6709	A-1

ADDRESS INFORMATION

REEL DRIVE C.B.A. Transistor Q2701 Transistor & Resistor QR2701 B-2 Integrated Circuit IC2702 1C2703 IC2704 Connector P2703





SECTION 5

EXPLODED VIEWS REPLACEMENT PARTS LISTS

CONTENTS

SERVICING FIXTURES & TOOLS LIST	·····PRT-4
CHASSIS PARTS SECTION ······	·····PRT-5
MOVING PARTS SECTION	····PRT-7
CASSETTE COMPARTMENT SECTION	····PRT-8
CHASSIS & FRAME SECTION	·····PRT-10
CASING PARTS SECTION	·····PRT-11
PACKING PARTS SECTION	·····PRT-13
ELECTRICAL REPLACEMENT PARTS LIST	·····PRT-15

NOTES

- 1.

 Be sure to make your orders of replacement parts according to this list.
 - "<R>" in Remark column indicates recommended parts.
 - "<M>" in Remark column indicates needed in the periodical maintenance.
- 2. IMPORTANT SAFETY NOTICE

Components indentified by "<!>" have special characteristics important for safety.

When replacing any of these components, use only the original ones.

Meaning of symbol "<!>" on this parts list is exactly the same as symbol ⚠ on Schematic and Circuit Board Diagrams.

- 3. Unless otherwise specified;
 - All resistors are in (Ω), K=1,000 Ω , M=1,000k Ω .

All capacitors are in (F), $U=10^{-6}$ F, $P=10^{-12}$ F.

4 . ITEM NUMBERS WITH CAPITAL LETER E

Item numbers woth capital leter E (Example: E1, E2,) in Ref. no. column mean that the parts are listed with the E item numbers in the exploded views.

- 5. When ordering parts, use parts No. only form Part No. column.
- 6. Printed circuit board assembly with mark (RTL) is no longer available after discontinuation of the product.
- 7. Explanation of part number

《 CAPACITOR 》

 		-			 		

Type

Rated Volt.

Capacitance Value

Type

Туре	Delectric
ECA ECE ECS ECO	ELECTROLYTIC CAPACITOR
ECC ECF ECK ECU	CERAMIC CAPACITOR
ECH ECQ ECW	PLASTIC FILM CAPACITOR

Rated Volt.

Code	0G	0 J	1 A	1C	1D	1E	1V	1H	1 J	1K
W.V. (V)	4	6. 3	10	16	20	25	35	50	63	80

Code	2A	2C	2P	2D	2E	2F	2V	2G	2W	2H
W.V. (V)	100	160	180	200	250	315	350	400	450	500

Capacitance Value

The 1st 2 figures are actual values and the 3rd denotes the number of zero. "R" denotes the decimal point and all figures are the actual number with "R".

※ Unit Electrolytic capacitor

 μF

Ceramic capacitor

pF

Plastic film capacitor

рF

Example : ECEA1HU221 ELECTCTROYTIC CAPACITOR $50V 220 \mu F$

《 RESISTOR 》

Trrno	Dotod	Doses	D:-4	77-1

Туре

Rated Power

Resistance Value

Туре

Type	Delectric
ERD	CARBON RESISTOR
ERF FRW	WIRE WOUND RESISTOR
ERQ ERU	FISE RESISTOR
ERC	SOLID RESISTOR
ERX ERG ERO ERN	METAL RESISTOR
ERJ	CHIP RESISTOR
ERS	THERMAL SENSTIVE RESISTOR

Rated Power

Code	1	2	3	3G	6	8	10	12	14	25
R.Power (w)	1	2	3	1/16	1/10	1/8	1/8	1/2	1/4	1/4

Code	S1	S2				
R.Power (w)	1/2	1/4				

Resistance Value

The 1st 2 figures are actual values and the 3rd denotes the number of zero. "R" denotes the decimal point and all figures are the actual number with "R".

Example: ERDS2TJ471 \rightarrow CARBON RESISTOR

1/4W $470\,\Omega$

SERVICEING FIXTURES & TOOLS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VFM8080HQFP	VHS ALIGNMENT TAPE	1	V	-				
	VFK0329	POST ADJ. SCREWDRIVER	1		 				
	VFK0132	BACK TENSION METER	1	(T2-H7-UM)	1				-
		(TENTELOMETER,							
		MADE IN U.S.A.)							
	VFK0191	POST ADJ. PLATE	1						
	VFK0133	DIAL TORQUE GAUGE	1						
	VFK0180	PLASTIC CLAMPER ONLY	_1	~	1				
	VFK0134	ADAPTOR FOR VFK0133							
	VFK0190	REEL TABLE HEIGHT GAUGE	1						
	VFK0236	TENSION POST ADJ. FIXTURE	1		-				
	VFK0806 VFK0328	TENSION SENSOR ADJ. FIXTURE	1		-				
	VFK0328 VFK0330	H-POSITION ADJ. SCREWDRIVER FINE ADJ. SCREWDRIVER	1		 				
	VFK0330	(3mm PHI)	1		<u> </u>	+	 		
	VFK0335	RETAINING RING REMOVER	1		11				
	VFR0333	(3mm/4mm)							
	VFK0326	HEX.WRENCH SET	1		11	•			
	VFK0948	CHECK LIGHT	1		1	+			
	MOR265	MOLYTONE GREASE	1	*****	l				
	VFK0680	S.C.R. GREASE	1		1	<u> </u>			
	VFK27	HEAD CLEANING STICK	1		11		 		
	VFK0344	POST HEIGHT ADJ. FIXTURE	1		11	+			
- 1	VFK0269	L TYPE SCREWDRIVER	1		1	1			
	VFK66	FAN TYPE TENSION GAUGE	1		1	1			
	VFK0941	EXTENDER BOARD 100P	1		1	1	-		
	VFK0942	EXTENDER CODE 13P	1			<u> </u>			
	VFK0685	EXTENDER CODE 40P	1						
	VFK0829	EXTENDER BOARD 64P	1						
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EXPLODED VIEWS Chassis Parts Section

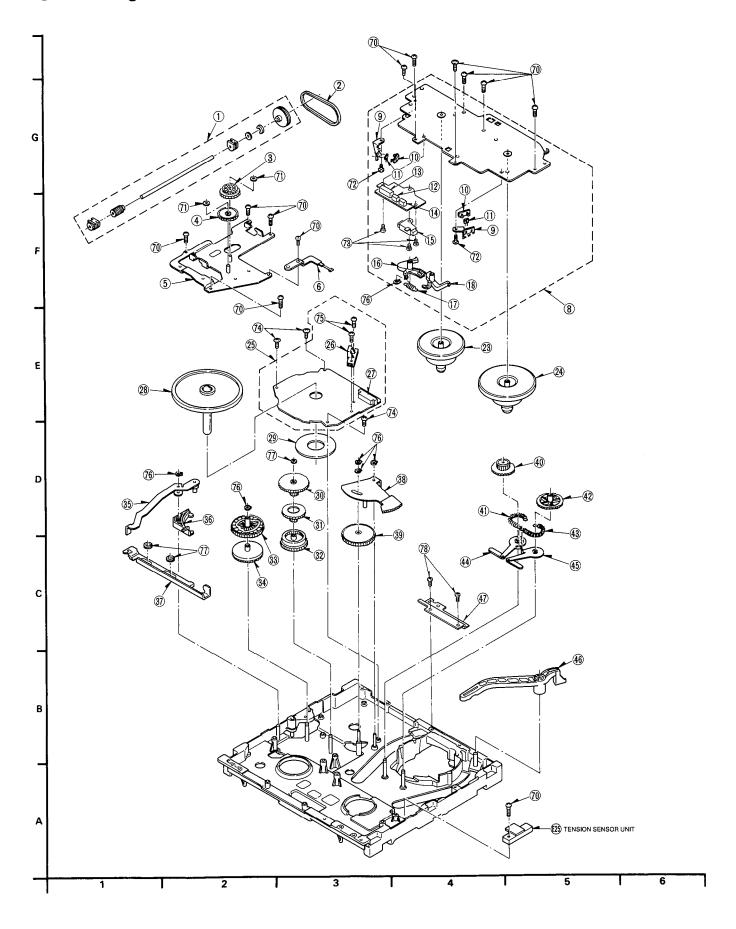
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1. Chassis Parts Section

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks	Ref.No	1	Part No.	Part Name & Description	Pcs	Remarks
1-1		VXP1075	IMPEDANCE ROLLER UNIT	1		1-78	1	VMB2020	EARTH SPRING	1	
1-2	Н	VML2293	IMPEDANCE ROLLER ARM	1		1-79	+	GL450 VMX1079	CUT WASHER	1	·····
1-3	Н	VMB1976	IMPEDANCE SPRING	1		1-81	Ľ	XTV26+6F	SCREW	2	
1-4		VMA7982	HEAD AMP ANGLE (L)	1		1-82	+-	XTV2+4F	SCREW	2	
1-6	,	VEK3185	HUMIDITY RESISTOR UNIT	1		1-83	10	XYN26+K5	SCREW	2	
1-7		VEM0360	LOADING MOTOR UNIT	1	<h><h><h><h><h><h><h><h><h><h><h><h><h><</h></h></h></h></h></h></h></h></h></h></h></h></h>	1-84	╁	XSN3+3.5	SCREW	2	
1-8		VXA5151	MOTOR BASE (1) UNIT	1		1-85	1	VHD0322	SCREW	1	
1-9		VJP1229G	CONNECTOR (2P)	1		1-86	ť	VHD0089B	SCREW	1	····
1-10		VJP1229T	CONNECTOR (2P)	1		1-87		XSN3D6FZ	SCREW	2	
1-11		VJP1229R	CONNECTOR (2P)	1		1-88	Ŭ	VHN0063	M4 NYLON NUT	1	···
1-12		VJP1230R	CONNECTOR (3P)	1		1-89	ľ	XWE4	M4 NYLON WASHER	2	
1-13		VJP3106B013	CONNECTOR (13P)	1		1-90	tu	VHD0374	SCREW	3	
L-14		VJS1493	CONNECTOR (15P)	1		1-91	1.	VMX0653	CUT WASHER	2	
-15		VMA8130	IMPEDANCE ORLLER SUPPORT	1		1-92	П	XWGV3D6G	POLLY SLIDER WASHER	1	
			ANGLE			1-93	∇	VHD0045	M3 NYLON NUT	1	
-16		VDP1319	MOTOR PULLEY	1		1-94	Ť	XWE3VW	M3 WASHER	1	
-18		VMB1251	ADJUST SPRING	1		1-95	\forall	VHD0425	SCREW	2	-
-19	_	VED0145	A/C HEAD (1) UNIT	1	< M><r></r>	1-96	П	XTV26+10F	SCREW	4	
-20	_]	VXA3649	A/C HEAD BASE UNIT	1		1-97	П	VHD0133	SCREW	2	
-21	_1	VMB1567	A/C HEIGHT SPRING	1		1-98		XYN26+F6FZ	SCREW	1	
-22		VXQ0094	THRUST SCREW UNIT	1		1-99	П	XTN3+6F	SCREW	1	
-23		VMX1567	OIL SEAL	2		1-100	7	VHD0342	SCREW	3	
-24		VXD0120	HOUSING UNIT	_1		1-101	П	XTV2+6J	SCREW	1	
-25		VXL2367	PRESSURE ROLLER UNIT	1	<\p> <r></r>	1-102	П	XYN26+C4	SCREW	2	
-26	_	VMB1977	PINCH PRESSURE SPRING	1		1-103	П	XTW3+8TR	SCREW	2	
-27		VXL2368	PINCH PRESSURE ARM	1		1-104	П	XTV26+8E	SCREW	1	
-28		VMB1569	PINCH ARM SPRING	1		1-105	V	VMX0653	CUT WASHER	11	
-29		VML1874	PINCH LIFT ARM	1			П				-
-30		VMX1353	PINCH CAM ARM	1			П				
-31	_	VDG0577	PINCH CAM	1							
-32	_	VDG0651	PINCH SECTOR GEAR	1							~
-33	4	VXL2089	TENSION ARM UNIT	1							
-34		VMB1975	TENSION SPRING	_1							
-35	_	VSP0293	CASSETTE DETECT SW	2							
-36		VSS0257	MODE SWITCH	_1	< ↑ > <r></r>		П				
-37	_	VXL1857	SUB LOADING ARM (1) UNIT	1							
-38		VMB1566	SUB POST SPRING	1							· · · · · · · · · · · · · · · · · · ·
-39		VXL2074	P5 ARM UNIT	1			\Box				
-40	_	VMB1554	P5 SPRING	1			Ш				
-41	_	VEH0645	UPPER CYLINDER UNIT	1	<m><r></r></m>		Ш				
-42	_	VEG1109	LOWER CYLINDER UNIT	_1	<4/>		Ш				
-43	4	VMD0910	POST STOPPER	2							
-44	-	VXP1264	ROLLER POST (T) UNIT	1				****			
-45	4	VXA3213	INCLINED BASE (T)(1) UNIT	1			Ш				
-46	4	VXA2687	INCLINED ADJUSTMENT PLATE U	1			Ш				
-47	\dashv	VXP1263	ROLLER POST (S) UNIT	1			Ц				
-48	4	VXA3249KIT	INCLINED BASE (S)	_1			Ш				
-49 -51	+	VXA3980	HEAD CLEANING PLATE	1			Н				
-51 -52	4	VEE8714 VMX1088	FLEXIBLE CABLE	1		l	Н				
-52	+	VMX1088 VDP1533	SUPPLY UPPER LIMITER SUPPLY ROLLER	1		ļ	\sqcup			_	
·54	4	VMX1581	P1 COLLAR	$\frac{1}{1}$		·	\sqcup				
55	+	VMX1533	SUPPLY LOWER LIMITER	$\frac{1}{1}$		ļ	\vdash			+	
56	+	VBS0038	FE HEAD	1			\vdash				
58	+	VHN0110	ADJUST NUT	1		l 				\dashv	
59	\dagger	VJS2964A013	CONNECTOR (15P)	1		ļ	\vdash			+	
60	+	VMX1544	P4 UPPER LIMITER	1			Н				
61	+	VMX1568	P4 SLEEVE	1		-	\vdash				
62	+	VMX1534	P4 LOWER LIMITER	1		1	H			-	
63	\dagger	VDG0664	CONNECTION GEAR	-1			+				
64	†	VDG0483	PINCH SPEED DOWN GEAR	1	· · · · · · · · · · · · · · · · · · ·		H				
65		VES0489	SAFETY SWITCH	1			H				
66	7	VXL2263	HEAD CLEANING UNIT	1	<m><r></r></m>		H			$-\vdash$	~!!**
67	\dagger	VMB2532	CLEANING SPRING	1			H		·	-+	
68	†	VMT0321	HEAD CLEANING PAD	1			H			-	
69	7	VML2845	CAM LEVER	1			\forall				
70	+	VMB2672	CAM LEVER SPRING	1			+			-+-	
71	1	VMA8977	SOLENOID BASE	1			H			-+-	
72	+	VSJ0111	PINCH SOLENOID	1			+			$-\vdash$	
73	1	VMA6895	MOUNT PLATE (L)	1			-+			-	
	+	VMA6896	MOUNT PLATE (R)	1			\dashv				
74 1	+	VXA5165	BIND FLEXIBLE UNIT	1		 	\forall			+	
	1		DATED LECUTORE OUT	I	i	1	ш				
75	+		LED UNIT	- 1						_1-	
75 76	1	VXA3520	LED UNIT	1							
74 75 76 77	1		LED UNIT LED HOLDER	1							

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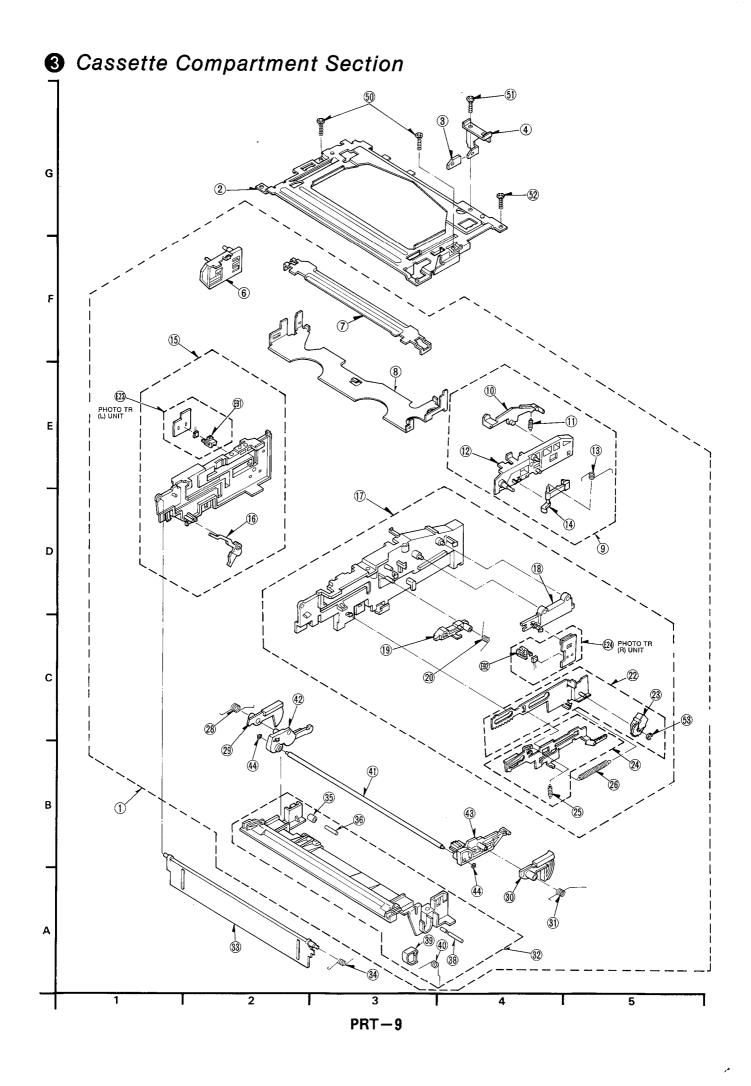
Moving Parts Section



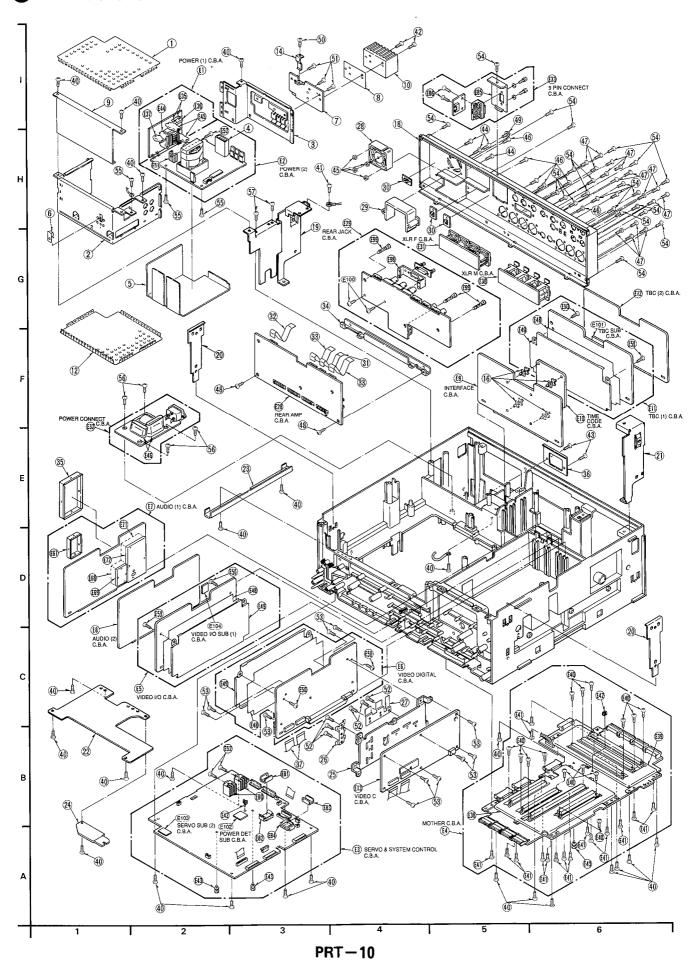
2. Moving Parts Section

3. Cassette Compartment Section

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	4	Part No.	Part Name & Description Pc	Remarks
2-1	Н	VXP1082	WORM SHAFT UNIT	1		3-1		VXA4504	CASSETTE COMPERTMENT UNIT 1	
-2		VDV0228	LOADING BELT	1	<m><r></r></m>	3-2		VMA8166	TOP PLATE 1	
-3	ν	VDG0581	WORM WHEEL	1		3-3	_	VMD1384	CASSETTE HOLDER CAP 1	
-4	Ч	VDG0582	INTERMEDIATE GEAR	1		3-4	4	VMA7992	CASSETTE HOLDER ANGLE 1	
-5	14	VXA3646	GEAR BASE (1) UNIT	_1		3-6	-	VMD1387	HOLDER GUIDE (L) 1 HOLDER ANGLE UNIT 1	
2-6	Ш	VX\$0098	EARTH SPRING UNIT	1		3-7		VXA3691 VMA7989		
2-8	4	VXA4839	STATOR BASE UNIT	1		3-8	-		CASSETTE HOLDER 1 HOLDER GUIDE (R) UNIT 1	
2-9	M	VMD0611 -	FG SUPPORT (1)	2		3-9	\dashv	VXA3692 VML1882	DOOR OPEN LEVER 1	
2-10	V	VMD0621	FG SUPPORT (2)		-D>	3-10	\dashv	VMC1584	DOOR OPEN LEVER SPRING 1	
2-11 2-12	Ľ	HW-300B VJP1230R	HOLE IC CONNECTOR (3P)	1	<r></r>	3-11	\dashv	VMD1386	HOLDER BUIDE (R)	
2-12	-	VJP3202A008Z	CONNECTOR (8P)	1		3-13	-	VMB2063	RELEASE SPRING 1	
2-14	H	VJP1230T	CONNECTOR (3P)	1		3-14	1	VML2306	RELEASE LEVER 1	
2-15	H	VSJ0066	SOLENOID	1		3-15	┪	VXA3694	SIDE PLATE (L) UNIT 1	
2-16	П	VXZ0270	MAIN BRAKE (S) UNIT	1	<r></r>	3-16		VML 2305	OPENER LEVER 1	
2-17	П	VMB1978	BRAKE SPRING	1		3-17	1	VXA3693	SIDE PLATE (R) UNIT 1	
2-18	П	VXZ0314	MAIN BLAKE (T) UNIT	1	<r></r>	3-18		VSS0258	SLIDE SWITCH 1	<r></r>
2-23	¥	VXR0187	TAKEUP REEL TABLE UNIT	1	<r></r>	3-19		VML2288	DOWN SUPPORT LEVER 1	
2-24		VXR0225	SUPPLY REEL TABLE UNIT	1	<r></r>	3-20		VMB1961	DOWN SUPPORT SPRING 1	
2-25		VEK6553	STATOR UNIT	1		3-22		VXA3696	MAIN RACK UNIT 1	
2-26		VBK0063	MR HEAD	1	<r></r>	3-23	\Box	VDG0737	DAMPER 1	
2-27	П	VJP1902	CONNECTOR	1		3-24		VXA3697	SUB RACK UNIT 1	
2-28	Ц	VXP1456	ROTOR UNIT	1		3-25		VMB1780	RACK C SPRING 1	
2-29	Ц	VMA6847	SUB PLATE	1		3-26	_	VMB1997	CLUTCH SPRING 1	
2-30	-/	VDG0580	CENTER GEAR	1		3-28	4	VMB1999	SUB WIPER SPRING (L)	
2-31	Ш	VXP0878	RETANER GEAR UNIT	1		3-29	4	VML1878 VML1879	SUB WIPER ARM (L) 1 SUB WIPER ARM (R) 1	
2-32	Н	VDG0342	RING GEAR	1		3-30				
2-33	1	VED0578	MAIN CAM GEAR	1		3-31		VMB1998 VXA4500	WUB WIPER SPRING (R) 1 CASSETTE GUIDE UNIT 1	
2-34	H	VED0343	SUB CAM GEAR	1		3-32		VXA4500 VKF1273	BLINDER PANEL 1	
2-35	Н	VXL1895	CAM FOLLOWER ARM UNIT	1		3-33 3-34		VMB1258	BLINDER SPRING	
2-36	-	VML1861 VMM0218	DETENT ARM MAIN ROD	1		3-35	_	VDP1398	CASSETTE ROLLER	
2-37 2-38	+	VXA3144 .	SECTOR GEAR UNIT	1		3-36	_	VMS5505	ROLLER SHAFT	
2-39	V	VDG0579	LOADING CAM GEAR	1		3-38		VMS4644	SHAFT	
2-40	V	VED0420	LOADING CAN GEAR	1		3-39		VMD1773	CASSETTE SUPPORT	
2-41	Н	VMB1555	LOADING SPRING (T)	1	-	3-40	Н	VMB2329	SUPPORT SPRING	
2-42	+	VDG0593	LOADING GEAR (S)	1		3-41	Н	VMS3182	MAIN SHAFT	
2-43	╁╌	VMB1746	LOADING SPRING (S)	1		3-42	-	VML1876	WIPER ARM (L)	
2-44		VXL1489	LOADING ARM (T)(1) UNIT	1		3-43	Н	VML1877	WIPER ARM (R)	
2-45	\vdash	VXL1487	LOADING ARM (S)(1) UNIT	1		3-44	Т	VHN0068	STOPPING WASHER	
2-46	1.7	VML2304	CLEANING ROD	1		3-50		XTV26+8G	SCREW	2
2-47	1./	VMA8003	MOUNT PLATE (B)	1		3-51		XTV26+6F	SCREW :	
2-70	Ť	XTV26+6F	SCREW	12		3-52		XTV3+8G	SCREW :	
2-71		VMX0653	CUT WASHER	2		3-53		XUC2.5FP	E RING :	L
2-72	١,	XYN2+F5	SCREW	2						
2-73	. 7	XSN26+4	SCREW	3						
2-74		XYEV0004	SCREW	3	+					
2-75	L	XYNV0015	SCREW	2						
2-76	1.5	XUEV3VW	WASHER	6						
2-77	<u> </u>	XUEV3VW	CUT WASHER	3			L			
2-78		XTV3+8F	SCREW	2						
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4 Chassis & Frame Section



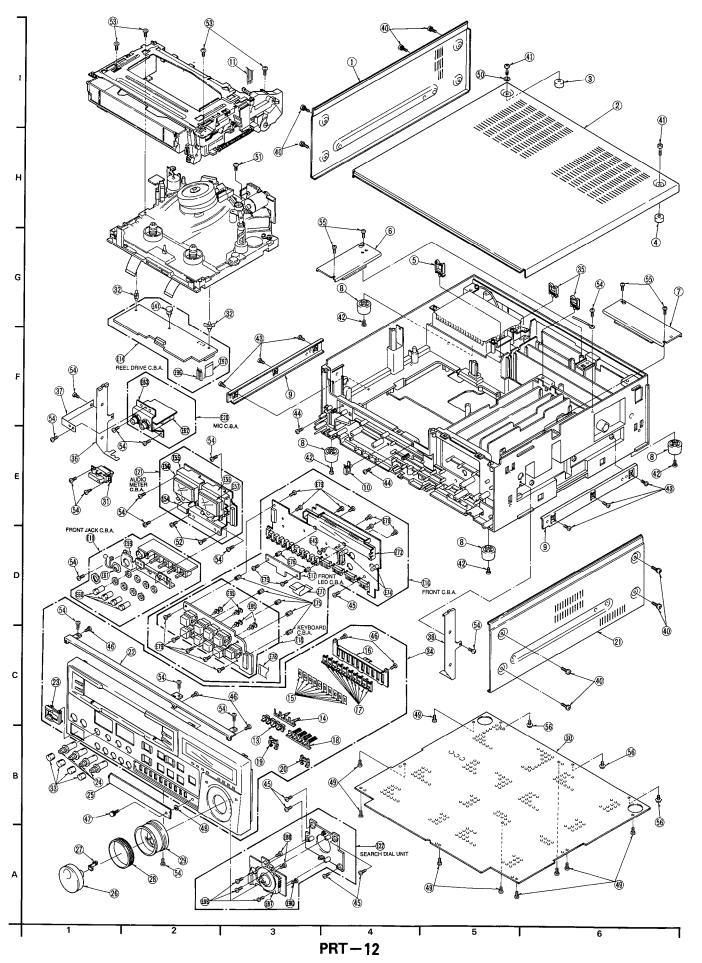
4. Chassis & Frame Section

5. Casing Parts Section

1	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
4-1	VSC3961	POWER UNIT SHIELD CASE	1		5-1	VGM1048	SIDE PANEL (LEFT)	1	
		(UPPER)		20178	5-2	VGM1047	TOP PANEL	1	
4-2	VSC3963	POWER SHIELD CASE (MIDDLE	1		5-3	VMX2248	TOP PANEL SPACER	1	
	1000505	(A))	-		5-4	VMX0871	TOP PANEL SPACER	_	
4-3	VSC3964	POWER SHIELD CASE (MIDDLE	1		5-5		MINI CLAMPER	1	
4-5	1303304	(B))	1			VJF0004		2	
4-4	VWZ0103	INSULATION TUBE			5-6	VMP4225	C.B. HOLDER (1)	1	
			1		5-7	VMP4226	C.B. HOLDER (2)	1	
4-5	VMZ2224	INSULATION SHEET	1		5-8	VKA0117	RUBBER FOOT	4	
4-6	VMC0357	TR SPRING	1		5-9	VXA4551	SUPPORT ANGLE UNIT	2	
4-7	VSC3965	POWER SHIELD PLATE	1		5-10	VJF0013	MINI CLAMPER	1	
4-8	VMT0534	INSULATION SHEET	1		5-11	VWJ04CN150CA	FLAT CABLE	1	
4-9	VSC4085	POWER SHIELD SHEET	1		5-13	VGU6485	OPERATION BUTTON	4	
4-10	VSC3966	HEAT SINK	1		5-14	VKC0423	OPERATION BUTTON HOLDER	1	
4-12	VSC3962	POWER SHIELD CASE (LOWER)	1		5-15	VGF0508	SLIDE KNOB SHEET	10	
4-14	VMP3083	TR HOLDER	1	*	5-16	VMP3226	KNOB HOLD ANGLE	1	
4-16	VJH0632	C.B. HOLDER	4		5-17				
4-18	VJH0719	REAR JACK PLATE	1		1 — —	VGU5603	SLIDE KNOB	10	
			-	···	5-18	VGU6483	COUNTER BUTTON	1	
4-19	VMP3221	TOP ANGLE (LEFT)	1		5-19	VGL0508	REV. PANELIGHT	1	
4-20	VXA4649	SIDE ANGLE UNIT	2		5-20	VGL0506	FWD PANELIGHT	1	
4-21	VMP3222	TOP ANGLE (RIGHT)	1		5-21	VGM1049	SIDE PANEL (RIGHT)	1	
4-22	VMP3216	MECHANISM SHIELD PLATE	1		5-22	VMP3225	FRONT SUPPORT ANGLE	1	10000
4-23	VMP3232	POWER CORD SHIELD ANGLE	1		5-23	VKW1501	POWER SWITCH COVER	1	
4-24	VMP3750	SUPPORT ANGLE	1		5-24	VGU6482	VR KNOB	4	
4-25	VSC3975	C.B. HEAT SINK	1		1				
4-26	VMC0979	HEAT SINK PLATE (1)	$\overline{}$		5-25	VKW1839	OPERATION AREA COVER	1	· · · · · ·
			1		5-26	VGU4604	JOG DIAL KNOB	1	
4-27	VMC0980	HEATSINK PLATE (2)	1	· · · · · · · · · · · · · · · · · · ·	5-27	VMC0444	KNOB SPRING	1	
4-28	VRF0085	FAN MOTOR	1		5-28	VMG0476	SEARCH DIAL RUBBER	1	
4-29	VGF0507	AC INLET GUARD	_ 1		5-29	VGU4605	SERCH DIAL KNOB	1	
4-30	VJF0977	CABLE CLIP	3		5-30	VKM3678	BOTTOM PLATE	1	
4-31	VWJ08AW070M0	FLEXIBLE CABLE	1	·	5-31	VES0703	POWER SWITCH UNIT	1	
4-32	VWJ10AQ070M0	FLEXIBLE CABLE	1		5-32	VJF0726			
4-33	VWJ12AW070M0	FLEXIBLE CABLE	2		-		C.B. SUPPORT	2	
4-34					5-33	VMG0477	VR KNOB CAP	4	
	VMP4224	REAR AMP ANGLE	1		5-34	VYP5447	FRONT PANEL UNIT	1	
4-35	VSC3970	SHIELD COVER (UPPER)	1		5-35	VJF0004	MINI CLAMPER	2	
4-36	VMP4246	AC INLET ANGLE	1		5-36	VMP3648	EARTH PLATE (LEFT)	1	
4-37	VWJ18XW040L0	FLEXIBLE CABLE	2	3.00	5-37	VMP3650	MIC EARTH PLATE	1	*****
4-40	XTV3+10JFR	SCREW	24	· · · · · · · · · · · · · · · · · · ·	5-38	VMP3649	EARTH PLATE (RIGHT)	1	
4-41	XYE4+EF6	SCREW	1		5-40	VHD0426	SCREW	-8	
4-42	XYN26+C12FZ	SCREW	2		5-41	VHD0222	SCREW		
4-43	XYN3+F12FZ	SCREW	2		1			2	
4-44	XSN3+20FZS	SCREW	4		5-42	XTV3+16G	SCREW	4	
			\rightarrow		5-43	XTV3+10J	SCREW	6	
4-45	XNG3B	NUT	4		5-44	XTV4+8F	SCREW	2	
4-46	XTV3+8GFZ	SCREW	6		5-45	XTV4+10JFR	SCREW	5	
4-47	XSN26+6FZ	SCREW	16		5-46	XTV3+8J	SCREW	5	
4-48	XTV3+8FFR	SCREW	2		5-47	VHD0679	SCREW	1	
1-49	VHD0426	SCREW	1		5-48	VMX1558	STOPPING WASHER	1	
4-50	XYN3+C8	SCREW	1		5-49	VHD0059	SCREW	9	
1-51	XTS3+8F	SCREW	3		5-50			-	
1-52	XSB2+4FZ	SCREW	6		1 }	XWC4BFY	WASHER (M4)	1	
1-53	XTV3+6FFR	SCREW			5-51	XTV4+12J	SCREW	1	
			11	· · · · · · · · · · · · · · · · · · ·	5-52	XTV3+8F	SCREW	2	-
1-54	XTV3+8FFZ	SCREW	23		5-53	XTV26+8FR	SCREW	4	
1-55	XYE3+EF8FR	SCREW	3		5-54	XTV3+10JFR	SCREW	16	
1-56	XTW3+10TFR	SCREW	4		5-55	XYN3+8FR	SCREW	4	
-57	XTV3+10J	SCREW	2		5-56	XYE3+EF6	SCREW	3	

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6 Casing Parts Section



PRT-11

6 Packing Parts Section

PRT-13

6. Packing Parts Section

	Part No.	Part Name & Description	PCS	Remarks	Ref.No.	Part No.	Part Name & Description	1 63	Remarks
6-1	VPG7234	PACKING CASE CUSHION (LEFT TOP) CUSHION (RIGHT TOP) CUSHION (LEFT BOTTOM) CUSHION (RIGHT BOTTOM)	1		l	-			
6-2	VPN3799	CUSHTON (LEET TOP)	1			1			
6-3	VPN3801	CUSHTON (PIGHT TOP)	1					\Box	
0-3	VPN3801	CUSHION (KIGHT TOP)			i 	 			
6-4	VPN3802	CUSHION (LEFT BUTTOM)	1		.}			\vdash	
6-5	VPN3803	CUSHION (RIGHT BOITOM)	1					₩	
6-6	VPN3899	PAD HANDLE	1						
6-7	VPF0149	HANDLE	1			1		\sqcup	
6-8	VJA0488	POWER CORD	1		l			Ш	
6-9	VPF0136	POWER CORD SHEET	1						
6-10	VQT5493	OPERATING INSTRUCTIONS	1						
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ELECTRICAL REPLACEMENT PARTS LIST

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.		Part No.	Part Name & Description	Pcs	
E6	VEP03A67A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	E31	1	VEP04425A	P.C.BOARD W/COMPONENT XLR F	1	(RTL) <r></r>
	-	VIDEO DIGITAL								
E13	VEP08166A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	E33		VEP06906A	P.C.BOARD W/COMPONENT 9P IN CONNECT	1	(RTL) <r></r>
	VEFOOTOOA	VIDEO C	1	(KIL)~K>	1	\vdash		9P IN CONNECT		
					E28		VEP06908A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>
E9	VEP06903A	P.C.BOARD W/COMPONENT INTERFACE	1	(RTL) <r></r>				REAR AMP		
+	 	INTERFACE	+		E29	\vdash	VEP06909A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>
E10	VEP06913A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>			VE. 0000071	REAR JACK	†	(KIE) 41
		TIME CORD	-		For	Н.	IEVOCET.	D. O. DOADD		()
E1	VEP01559A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	E25	U V	VEK2657	P.C.BOARD W/COMPONENT TENSION SENSOR UNIT	1	(RTL) <r></r>
77.1		POWER (1)				╚				
E2	VEDOLEGOA	D. C. DOADD. LI (DOMONICALE	 -	(DTI) .D.	E26	141	VEK4265	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>
EZ	VEP01560A	P.C.BOARD W/COMPONENT POWER (2)	1	(RTL) <r></r>				REV TENSION SENSOR UNIT	-	
					E24	1	VEK4058	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>
E21	VEP04328A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>				PHOTO TR (R) UNIT		
-		AUDIO METER			E23	-	VEK3578	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>
E19	VEP04418A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	1 223		VER3370	PHOTO TR (L) UNIT	Ļ	(RIL)-R>
		FRONT JACK						1.4.		
E4	VEPOOT59A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	E27	1	VEK6633	P.C.BOARD W/COMPONENT MOTOR BASE	1	(RTL) <r></r>
-7	4FLOOLDSW	MOTHER W/COMPONENT	+-	(ハル)・バン	1	\vdash		HOTUK BASE	 	****
				***	E22	1	VEK5556	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>
E32	VEP01478C	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	4	Щ.		SEARCH DIAL UNIT		
	 	POWER CONNECT							-	
E14	VEP02417A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>				10000		
		REEL DRIVE								
E5	VEP03A66A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	-	Н				
	12. 00.100.1	VIDEO I/O	广	(KIE) III	+	\vdash				
E104	VEP03B37A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>						
		VIDEO I/O SUB (1)	-	FOR VEP03A66A	╂	\vdash				
E20	VEP04419A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	1	\vdash				
		MIC JACK	<u> </u>					74		
E7 '	VEP04420A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>						
	7210442011	AUDIO (1)	1	(KIE) No	-					
F0	UPPOALOLA			()				700		
E8	VEP04421A	P.C.BOARD W/COMPONENT AUDIO (2)	1	(RTL) <r></r>	-	_			_	
		AUDIO (2)			1					
E15	VEP05162H	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>						
		HEAD AMP							<u> </u>	
E16	VEP06902B	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	+					
		FRONT								
E17	VEP06929A	P.C.BOARD W/COMPONENT FRONT LED	1	(RTL) <r> FOR VEP069028</r>	-	_				
E18	VEP06962A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	1					
		KEY BOARD		FOR VEP06902B						
E3,	VEP06904A	P.C.BOARD W/COMPONENT	1	(RTL)' <r></r>						-
	TEI JUJUAN	SERVO & SYSTEM CONTROL	1	MILIAN	1	+			-	
E102	VEP00U59A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>						
E103	VEPOOU84A	POWER DET SUB P.C.BOARD W/COMPONENT	1	FOR VEP06904A (RTL) <r></r>	11	+				
	71. 00004A	SERVO SUB (2)	1	FOR VEP06904A	1	+				
								1		
E11	VEP08159A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	11					
		TBC (1)	 -		11	+				
E12	VEP08160A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>						78.1
	<u> </u>	TBC (2)				1				
E30	VEP04424A	P.C.BOARD W/COMPONENT	1	(RTL) <r></r>	-	+				
		XLR M	 	(VIE) SIL	11	+				
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MECHANICAL PARTS ON P.C.BOARDS

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP03A67A	P.C.BOARD W/COMPONENT				VEP03A66A	P.C.BOARD W/COMPONENT	+-+	
		VIDEO DIGITAL					VIDEO I/O		N.
						VEP03A37B	P.C.BOARD W/COMPONENT		
48	VMZ2228	INSULATER	1				I/O SUB (1)		
49	VSC3973	SHIELD PLATE	1						
50	XTV3+6FFR	SCREW	2		E48	VMZ2228	INSULATION SHEET	1	
					E49	VSC3973	SHIELD PLATE	1	
			<u> </u>		E50	XTV3+6FFR	SCREW	2	
			L_						
	VEP01559A	P.C.BOARD W/COMPONENT							
		POWER (1)	ļ						
			<u> </u>		_	VEP04419A	P.C.BOARD W/COMPONENT		
35	VJF0318	FUSE HOLDER	2				MIC JACK		
36	VMZ0429	FUSE COVER	1						
37	VMZ0965	CAPACITOR COVER	1		E62	VSC3429	SHIELD CASE	1	
E44	VMZ1798	CAPACITOR COVER	1		E63	VMP3224	MIC JACK ANGLE	1	
45	VMZ1608	CAPACITOR COVER	2					L	
			Ľ			VEP04420A	P.C.BOARD W/COMPONENT		
	VEP01560A	P.C.BOARD W/COMPONENT				I	AUDIO (1)	\Box	
		POWER (2)							
					E67	VSC3967	SHIELD COVER (UPPER)	1	
51	VSC3434	HEAT SINK	1		E68	VSC3968	SHIELD COVER (MIDDLE)	1	
52	XYN3+F8	SCREW	1		E69	VSC3969	SHIELD COVER (LOWER)	1	
			<u> </u>		E71	VSC3971	SHIELD COVER (MIDDLE)	1	
					E72	VSC3972	SHIELD COVER (LOWER)	1	
1	1				11	1	(Lonery)	 	
<u> </u>	VEP04328A	P.C.BOARD W/COMPONENT				1		+	
+		AUDIO METER		p				\vdash	
		1				VEP05162H	P.C.BOARD W/COMPONENT	 -	
54	VMP3282	METER ANGLE	1			12. 0010211	HEAD AMP	 	
55	VGF0245	AUDIO METER HOLDER	2		1		TO FEE		
56	VSE0117	CH1 METER	1	<r></r>	E64	VSC3119	SHIELD COVER (MIDDLE)	1	
57	VSE0115	CH2 METER	1	<r></r>	E65	VSC3039	SHIELD COVER (FRONT)	-	
-3/	¥3L0113	CHZ PIETER	-	\n\/	E66	VSC3040	SHIELD COVER (FRONT)	1	-
			-		1 500	V3C3U4U	SHIELD COVER (REAR)	1	
	 							\vdash	
+	VEP04418A	D. C. DOADD. LIVCOMPONENT						1	
	VEPU4418A	P.C.BOARD W/COMPONENT				LEDOCOCO			
	ļ	FRONT JACK	 -			VEP06902B	P.C.BOARD W/COMPONENT	ļ.,	
	10004001	EDOUT MANY AND E		-	_		FRONT	\sqcup	~-
59	VMP4231	FRONT JACK ANGLE	1			VEP06929A	P.C.BOARD W/COMPONENT		
60	VGU6484	VR KNOB	4				FRONT LED	1_1	
E61	VMP3148	WASHER WITH WIRE	1	mr.n.		VEP06962A	P.C.BOARD W/COMPONENT		
			<u> </u>				KEY BOARD		
			<u> </u>						
			<u> </u>		E43	VMX0985	P.C.B. SPACER	1	***
	VEP00T59A	P.C.BOARD W/COMPONENT			E73	VJF0960	DISPLAY TUBE HOLDER	1	
		MOTHER	<u> </u>		E74	VMX2062	LED SPACER	2	
	1				E75	VMS5528	P.C.B. SUPPORT	5	
38	VMP4222	ANGLE (1)	1		E76	VMS4950	P.C.B. SUPPORT	2	
39	VMP4223	ANGLE (2)	1		E77	VWJ10SW050L0	FLEXIBLE CABLE	1	
43	VMX0985	SPACER	1		E78	VWJ18XW040L1	FLEXIBLE CABLE	1	
42	VJF0816	MINI CLAMPER	1		E79	XYN26+C5FR	SCREW	14	
41	XYE3+EF8	SCREW	17						
40	XTV26+8J	SCREW	14					\Box	
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						1		\vdash	
					1	VEP06904A	P.C.BOARD W/COMPONENT	\vdash	
	VEP01478C	P.C.BOARD W/COMPONENT			7	1	SERVO & SYSTEM CONTROL		
	T	POWER CONNECT	1	***************************************	11	VEP00U59A	P.C.BOARD W/COMPONENT		
					1	12. 230007.	POWER DET SUB	 	
46	VMZ1305	CAPACITANCE COVER	2		1	VEPOOU84A	P.C.BOARD W/COMPONENT	 	
 +	1		Ť		1	5555-111	SERVO SUB (2)		
					1		SERVE SOD (E)		
	1				E43	VMX0985	P.C.B. SPACER	2	
+	VEP02417A	P.C.BOARD W/COMPONENT			E52	XYN3+F8	SCREW		
+	TEI VETI/A	REEL DRIVE	-			~-		2	
	1	WEEL OWING	-		E80	VSC4042	HEAT SINK	2	
-47	Inverse	D.O.D. CDICEE	-	******	E84	VMC0493	HEAT SINK ANGLE	1	
47	VMX2183	P.C.B. SPACER	1		E82	VMC0075	HEAT SINK ANGLE	1	
96	VWJ04CN150CA	FLAT CABLE	1		E81	VSC1215	HEAT SINK	2	
E97	VWJ18AW105M1	FLEXIBLE CABLE	1		E42	VJF0816	MINI CLAMPER	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	VEP08159A	P.C.BOARD W/COMPONENT	-							
		TBC (1)				†				
E48	VMZ2228	INSULATION SHEET	1		1	+				
E49	VSC3973	SHIELD PLATE	1			+				
E50	XTV3+6FFR	SÇREW	2							
	-				-	+				
						1			<u> </u>	
	VEP08160A	P.C.BOARD W/COMPONENT TBC (2)		-		1				
		IBC (Z)			11	+	-		_	
	VSC3973	SHIELD PLATE	1	****						
	VMZ2228 XTV3+6FFR	INSULATER SCREW	2		┨	+				
	ATTO-OFF IX	JONEN	-		1	+				
							*			
	VEP06906A	P.C.BOARD W/COMPONENT			-					
	121 005001	9P IN CONNECT		****	1				-	
E85 E86	VMP4229 XSB3+6	9PIN CONNECTOR ANGLE SCREW	2		-	+				
	1,000.0	CONLET	۲		 	+			<u> </u>	
	VEP06909A	P.C.BOARD W/COMPONENT			-	1				
	7E1 00303A	REAR JACK			1	+				·
									_	
E98 E99	VMP4232 VMX2078	15P CONNECTOR ANGLE P.C.B. HOLDER	1			Ţ				
E100	XTV3+8FFZ	SCREW	2	7.444	1	+				
						+				
	ļ					1	- 41.1			
	VEK4265	P.C.BOARD W/COMPONENT			<u> </u>			-		
	72(1200	REV TENSION SENSOR UNIT			-	+				-
									-	
E156 E157	VMA7987 0N1108	REV PHOTO HOLDER PHOTO INTERRUPTER	1	<r></r>		-				
E94	XTV26+4F	SCREW	1		+	╁			_	
						-	-			
	VEK4058	P.C.BOARD W/COMPONENT	-			+				
		PHOTO TR (R) UNIT							\dashv	
E92	VMD0645	PHOTO TR HOLDER	_			F				
1	VI-B0043	PROTO TR HOLDER	1			╁				
						\dagger			_	7
	VEK3578	D. C. DOADD HACOMONENT				I				
	TENJOTO	P.C.BOARD W/COMPONENT PHOTO TR (L) UNIT	-		 	+-				
F01	VAROCES					t				
E91	VMD0645	PHOTO TR HOLDER	1			F				
			-+			+				
						\dagger			\dashv	······································
	VEK5556	P.C.BOARD W/COMPONENT	-I			ļ.,				
		SEARCH DIAL UNIT	-+			+			_	
E87	VSQ0651	JOG/SHUTTLE UNIT		<r></r>		+			\dashv	
E88	XTV3+6F	SCREW	2			1				
E89 E90	XTV3+8J XYE3+EF6	SCREW SCREW	3			+				
		- without	-		 -	+				
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ELECTRICAL PARTS

Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Po
	furnonaeza z		C3825	ECUM1H103KBN	1	D3801	MA729	1	L3823-25	VLQ0319K100	3	R3720	ERJ6GEYJ472	- 1
	[VEPO3A67A]		C3826 C3827.28	ECEVOJV220S	1	D3811-14 D3902	MA704 MA151K	4	L3901 L3951,52	VLQ0319K101 VLQ0319K100	2	R3722 R3723	ERJ6GEYJ103 ERJ6GEYJ472	1
	VIDEO DIGITAL		C3827,28	ECUM1E104ZFN ECEVOJV220S	2	D3902	31DQ04	1	L3951,52	AF70313K100	- 4	R3723	ERJ6GEYJ103	+ :
601	ECEVOJV470S	1	C3829,30	ECUM1E104ZFN	1	03901	31bQ04	++	P3932	VJP3176B064	$+_1$	R3772	ERJ6GEYJ223	
	ECUM1H103KBN	2	C3832	ECEVOJV220S	1	FL3601	VLF1016A223	1	P3961,62	VJS2848D018	2	R3773	ERJ6GEYJ103	
	ECEVOJV470S	1	C3833	ECUM1H103KBN	1		VLF1016A223	2	P3963	VJP1233T	1	R3774	ERJ6GEYJ152	
	ECUM1E104ZFN	8	C3834	ECEVOJV470S	1		VLF1016A223	4	F3903	A0L15221	+ +	R3775	ERJ6GEYJ103	+
	ECUM1E104ZFN	1		ECEVOJV4703 ECUM1H103KBN	1	1 1	VLF1016A470	5	Q3691	MSB709-R	1	R3776	ERJ6GEYJ103	+
			C3835				VLF1016A101 VLF1016A470	$\overline{}$	Q3693		1			-
	ECUM1E104ZFN	5	C3836	ECUM1H22OJCN	1	1		2	4	MSB709-R		R3777	ERJ6GEYJ222	
	ECUM1H680JCN	1	C3837	ECUM1H682KBN	1	FL3975	VLF1016A470	1	Q3701-03	MSD601-R	3	R3778	ERJ6GEYJ223	
	ECUM1E104ZFN	1	C3838	ECUM1H050CCN	1	FL3976	VLF1016A101	1	Q3771-73	MSD601-R	3	R3779,80	ERJ6GEYJ102	
	ECUM1H103KBN	1	C3839	ECUM1H103KBN	1		VLF1016A101	3	Q3774	MSB709-R	1	R3781	ERJ6GEYJ473	
	ECEV1CV100S	1	C3840	ECEVOJV470S	1	FL3981	VLF1016A470	1	Q3783	2SD1328-S	1	R3782	ERJ6GEYJ152	_
	ECEVOJV470S	1	C3841	ECUM1H020CCN	1	FL3982,83	VLF1016A101	2	Q3784	MSD601-R	1	R3784	ERJ6GEYJ222	
	ECUM1E104ZFN	3	C3842	ECUM1H222KBN	1	JI			Q3801	2SD1030-S	1	R3786	ERJ6GEYJ221	
	ECUM1H101JCN	1	C3843-48	ECUM1H103KBN	6	IC3601	CXD2105AQ	1	Q3802	MSC2295-B	1	R3788	ERJ6GEYJ152	
3671	ECEV1HV4R7	1	C3849	ECEVOJV470S	1	IC3602	SN74LS221NS	1	Q3803	MSD601-R	1	R3789	ERJ6GEYJ223	
3672	ECUM1H102JCN	1	C3850	ECUM1H103KBN	1	IC3606	TC7W04F	1	Q3804	MSC2295-B	1	R3790	ERJ6GEYJ561	
3673,74	ECUM1H103KBN	2	C3851	ECUM1H270JCN	1	IC3607	MC74HC163AF	1	Q3805-08	MSD601-R	4	R3791	ERJ6GEYJ472	
3675	ECUM1H060DCN	1	C3852	ECUM1H680JCN	1	IC3655	CXD1175AM	1	Q3809	MSC2295-B	1	R3792	ERJ6GEYJ102	
	ECUM1H103KBN	1	C3853	ECUM1H103KBN	1	IC3671	MST003MS	1	Q3810	MRN1404	1	R3793,94	ERJ6GEYJ103	
	ECEVOJV470S	1	C3854	ECUM1H101JCN	1	IC3691	MC74HC74AF	1	Q3951,52	MSD601-R	2	R3795	ERJ6GEYJ473	╅
	ECUM1H121JCN	2	C3857	ECUM1H101JCN	1	IC3701	TA7357P	1	11		1	R3801,02	ERJ6GEYJ105	_
	ECUM1H330JCN	1	C3860	ECUM1H103KBN	1	IC3702	MC74HC86F	1	QR3704,05	MRN1404	2	R3803	ERJ6GEYJ103	\dagger
	ECUM1H121JCN	3	C3861	ECEVOJV470S	1	IC3703	MC74HC74AF	1	QR3772	MRN1404	1	R3804	ERJ6GEYJ105	
	ECUM1H103KBN	1	C3862	ECUM1E104ZFN	1	IC3704	MC74HC00AF	1	11		++-	R3806	ERJ6GEYJ105	+
	ECUM1H103KBN	1	C3863	ECEVOJV220S	1	IC3771	MC14053BF	1	R3601	ERJ6GEY0R00	1	R3808	ERJ6GEYOROO	+-
	ECEVOJV470S	1	C3864	ECUM1H103KBN	1	IC3771	AN6336S	1	R3603	ERJ6GEYOROO	1	R3809	ERJ6GEYJ101	+
	ECUM1H103KBN	1	C3865	ECEVOJV470S	1	IC3782	MC74HC74AF	1	R3605	ERJ6GEYOROO	$\frac{1}{1}$	R3810	ERJ6GEYJ222	+
		1	C3866		$\frac{1}{1}$	IC3782		1	R3610		1	R3810	ERJ6GEYJ222 ERJ6GEYOROO	+
	ECEVOJV470S		i	ECCV1HVO10S	+	₹	MC145178CP		∤	ERJ6GEY0R00		↓		
	ECUM1H101JCN	1	C3867	ECEV1HV010S	1	IC3801	MN6711A	1 -	R3612	ERJ6GEYJ221	1	R3815-17	ERJ6GEYJ105	
	ECUM1H271JCN	1	C3868	ECUM1H103KBN	1	IC3802	MN6712	1	R3613	ERJ6GEYJ472	1	R3818	ERJ6GEYJ222	
	ECEVOJV470S	1	C3869	ECUM1E104ZFN	1	IC3803	MN67101	1	R3614	ERJ6GEYJ102	1	R3820	VRE0034E103	\perp
	ECUM1E104ZFN	1	C3870,71	ECEVOJV220S	2	IC3804	MN67102	1	R3615,16	ERJ6GEYJ332	2	R3821	ERJ6GEYJ472	\bot
+	ECUM1E473KBN	1	C3872,73	ECUM1E104ZFN	2	IC3805	MN67103	1	R3617	ERJ6GEYJ472	1	R3822	ERJ6GEYJ103	\perp
	ECUM1H561JCN	1	C3874	ECEVOJV220S	1	IC3806,07	MB40558PF	2	R3618	ERJ6GEYJ102	1	R3823	ERJ6GEYJ683	\perp
3711	ECUM1H103KBN	1	C3875	ECUM1E104ZFN	1	IC3808	MN6570F	1	R3619	ERJ6GEYJ221	1	R3829	ERJ6GEYJ222	
3712	ECEV1CV470S	1	C3876,77	ECEVOJV220S	2	IC3810	MC4044M	1	R3620	ERJ6GEY0R00	1	R3830	VRE0034E562	
3714	ECUM1H150JCN	1	C3878	ECUM1E104ZFN	1	IC3811	MC74HC04AF	1	R3623	ERJ6GEYOROO	1	R3831	ERJ6GEY0R00	
3715	ECUM1H103KBN	1	C3879	ECEVOJV220S	1	IC3812	AN3915S	1	R3625,26	ERJ6GEY0R00	2	R3832	VRE0034E562	
3716	ECUM1E104ZFN	1	C3880	ECUM1E104ZFN	1	IC3813	TC7W04F	1	R3629	ERJ6GEY0R00	1	R3835	ERJ6GEYJ103	
3717	ECUM1H103KBN	1	C3881	ECUM1H100DCN	1	IC3814	MN13821-S	1	R3631	ERJ6GEY0R00	1	R3836	ERJ6GEYJ102	1
	ECEV1CV100S	1	C3884	ECUM1E104ZFN	1	IC3815	UPD65025G122	1	R3636	ERJ6GEYJ333	1	R3837	ERJ6GEYJ154	\top
	ECUM1H103KBN	2	C3885-87	ECUM1H103KBN	3	IC3816	TC7W04F	1	R3642	ERJ6GEYJ102	1	R3838	ERJ6GEYJ333	
	ECUM1H101JCN	i	C3889,90	ECUM1H103KBN	2	IC3817	SN74LS221NS	1	R3643	ERJ6GEYJ101	1	R3839	ERJ6GEYJ103	\top
	ECUM1H150JCN	1	C3891	ECEVOJV220S	1	IC3818	MC74HC00AF	1	R3644	ERJ6GEYJ105	1	R3840,41	ERJ6GEYJ223	
	ECUM1H120JCN	1	C3892	ECUM1E104ZFN	1	IC3901	MN170804VMFA	1	R3651	ERJ6GEYJ102	1	R3842	ERJ6GEYJ122	+
	ECUM1H470JCN	1	C3893	ECUM1H103KBN	1	IC3902	MN13821-S	1	R3652	ERJ6GEYJ473	1	R3843	ERJ6GEYJ391	+
	ECUM1H103KBN	2	C3894	ECUM1E104ZFN	1	IC3902	TC7W00F	1	R3656	ERJ6GEYOROO	$\frac{1}{1}$	R3844	ERJ6GEYJ222	+
	ECEVOJV470S		C3895	ECUM1H103KBN	1	IC3903	MC74HC157AF		R3659				-	
		1	l			-	1	1	4	ERJ6GEY0R00	1	R3845	ERJ6GEYJ333	\perp
	ECEVICV100S	1	C3901	ECUM1H103KBN	1	IC3922	MC74HC163AF	1	R3661	ERJ6GEYJ103	1	R3846	ERJ6GEYJ183	
	ECUM1H103KBN	3	C3902	ECEVOJV470S	1 1	IC3923	MC74HC32AF	1 1	R3671	VRE0034E361	1	R3847	ERJ6GEYJ102	
	ECUM1H560JCN	1	C3903	ECEV1EV4R7	1	IC3924	HM63021FP	1	R3672	ERJ6GEYJ392	1	R3848	ERJ6GEYJ561	
	ECUM1E104ZFN	1	C3921-24	ECUM1H103KBN	4	IC3925	TC7S04F	1	R3689	ERJ6GEYJ182	1	R3849	ERJ6GEYJ101	_
	ECUM1H103KBN	1	C3951	ECUM1H103KBN	1	IC3951	MN6570F	1	R3691	ERJ6GEYJ562	1	R3850	ERJ6GEYJ222	_
	ECUM1E104ZFN	2	C3952	ECEVOJV470S	1	11	ļ.,		R3693	ERJ6GEY0R00	1	R3851,52		_
	ECUM1H103KBN	1	C3953	ECUM1H103KBN	1	L3601	VLQ0319K101	1	R3694	ERJ6GEYJ222	1	R3853	ERJ6GEYJ333	\perp
	ECUM1H103KBN	2	C3954	ECUM1E104ZFN	1	L3671	VLQ0319K101	1	R3695	ERJ6GEYJ472	1	R3854	ERJ6GEYJ153	4
	ECEVOJV470S	1	C3955	ECEVOJV220S	1	L3691,92		2	R3696	ERJ6GEYJ272	1	R3855	ERJ6GEYJ122	
	ECUM1H103KBN	1	C3956	ECEV1HV010S	1	L3693	VLQ0163J221	1	R3697	ERJ6GEYJ102	1	R3856	ERJ6GEYJ471	
3809	ECEV1HV3R3S	1	C3957,58	ECUM1H103KBN	2	L3701,02		2	R3698	ERJ6GEYJ470	1	R3857	ERJ6GEYJ222	
	ECUM1E104ZFN	1	C3959	ECEVOJV470S	1	L3771,72		2	R3699	ERJ6GEYJ472	1	R3858,59	ERJ6GEYJ223	
3812	ECEV1HV3R3S	1	C3961-72	ECUM1H103KBN	12	L3773	VLQ0133J471	1	R3701	ERJ6GEYJ101	1	R3860,61	ERJ6GEYJ102	
3813	ECUM1H103KBN	1	C3982	ECUM1H103KBN	1	L3779	VLQ0163J390	1	R3702	ERJ6GEYJ102	1	R3862	ERJ6GEY0R00	
	ECEVOJV470S	1	C3984	ECUM1H103KBN	1	L3801-03		3	R3704	ERJ6GEYJ222	1	R3865	ERJ6GEYJ562	
	ECUM1H103KBN	1	C3986	ECUM1H103KBN	1	L3804-06		3	R3705	ERJ6GEYJ124	1	R3866	ERJ6GEYJ561	
	ECUM1H120JCN	1	C3987	ECEVOJV470S	1	L3808	VLQ0319K100	1	R3706	ERJ6GEYJ123	1	R3867	ERJ6GEYJ682	+
	ECUM1H103KBN	1	C3988	ECUM1H103KBN	1	L3810	VLQ0319K100	1	R3707	ERJ6GEYJ474	1	R3868	VRE0034E271	
	ECUM1E104ZFN	1	11-3333		+-+	L3811	VLQ0313R330 VLQ0163J6R8	1	R3707	ERJ6GEYJ472	1	R3869	ERJ6GEYOROO	+
	ECEV1HV3R3S	1	D3601	MA151K	1		VLQ010330R8 VLQ0319K330	\rightarrow	R3708	ERJ6GEYJ473	-	R3870		
			D3655,56		1 2			2	→		1		ERJ6GEYJ101	
	ECUM1H103KBN	1			2	L3814	VLQ0163J270	1	R3710	ERJ6GEYJ105	1	R3871	ERJ6GEYJ222	_
	ECEVOJV470S	1	D3701	MA153	1	L3815	VLQ0319K680 VLQ0319K100	2	R3713 R3714	ERJ6GEY0R00 ERJ6GEYJ473	1	R3872	ERJ6GEYJ121	
	ECHMITH COND.						THE REPORT OF THE PARTY OF THE	1 2 1		L EV INCE V. I/I / 3				- 1
3823	ECUM1H103KBN ECUM1H120JCN	1 1	D3702 D3706	MA151K MA151K	1	L3818,19 L3821	VLQ0319K100	1	R3717	ERJ6GEYJ333	1	R3873 R3874-80	ERJ6GEYJ331 ERJ6GEYJ102	+

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Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	
R3881-87	ERJ6GEYJ222	7	C9207	ECUM1H22OJCN	1	C9473-77	ECUM1H103ZFN	5	R9204	ERJ6GEYJ472	1	R9468	ERJ6GEYJ472	1	Н
R3888	ERJ6GEYJ151	1	C9208-10	ECEA1CKA100	3	C9478,79	ECUM1E104ZFN	2	R9205	ERJ6GEYJ183	1	R9469	ERJ6GEYJ152	1	Ħ
R3890	ERJ6GEY0R00	1	C9211	ECUM1H103ZFN	1	C9481	ECUM1H222KBN	1	R9206	ERJ6GEYJ101	1	R9470	ERJ6GEYJ102	1	
R3893	ERJ6GEYJ223	1	C9212	ECUM1E104ZFN	1	C9482	ECUM1H330JCN	1	R9207	ERJ6GEYJ561	1	R9473	ERJ6GEYJ123	1	
R3894	ERJ6GEYJ333	1	C9213	ECUM1H103ZFN	1	C9483	ECUM1H101JCN	1	R9208	ERJ6GEYJ151	1	R9475	ERJ6GEYJ103	1	Ш
R3901 R3902-05	ERJ6GEYJ473 ERJ6GEYJ332	4	C9214 C9215	ECEAOJKA101	1	C9485	ECEA1CKA220	1	R9209	ERJ6GEYJ472	1	R9477	ERJ6GEYJ103	1	\sqcup
R3911	ERJ6GEYJ105	1	C9215	ECEA1CKA100 ECUM1E104ZFN	1	C9486 C9488	ECEAOJKA470 ECUM1H103ZFN	1	R9210 R9211	ERJ6GEYJ681 ERJ6GEYJ221	1	R9478 R9479,80	ERJ6GEYJ271	1	
R3912	ERJ6GEYJ103	1	C9217,18		2	C9489,90	ECEAOJKA470	2	R9211	ERJ6GEYJ473	1	R9479,80	ERJ6GEYJ152 ERJ6GEYJ222	2	\dashv
R3913-15	ERJ6GEYJ105	3	C9219	ECEAOJKA470	1	03403,30	LCLAUGIO 470		R9213	ERJ6GEYJ221	1 1	R9483	ERJ6GEYJ103	1	+
R3916	ERJ6GEYJ103	1	C9220	ECUM1E104ZFN	1	D9001	11E0S04	1	R9214	ERJ6GEYJ473	1	R9484	ERJ6GEYJ222	1	\vdash
R3918,19	ERJ6GEYJ105	2	C9221	ECEA1HKAOR1	1	D9221	MA151K	1	R9215	ERJ6GEYJ104	1	R9485	ERJ6GEYJ223	1	Н
R3921-24	ERJ6GEYJ473	4	C9222	ECUM1E104ZFN	1	D9493	MA151K	1	R9216	ERJ6GEYJ222	1	R9486	ERJ6GEYJ822	1	\Box
R3925-28	ERJ6GEY0R00	4	C9223	ECEA1EKA4R7	1				R9217	ERJ6GEYJ271	1	R9489	ERJ6GEYJ103	1	П
R3933	ERJ6GEYJ103	1	C9224	ECUM1H223KBN	1	DL9401	VLD0269	1	R9218	ERJ6GEYJ272	1	R9490	ERJ6GEYJ223	1	
R3935	ERJ6GEYJ103	1	C9225	ECEAOJKA470	1	 		1	R9219	ERJ6GEYJ822	. 1	R9491	ERJ6GEYJ561	1	
R3937-39	ERJ6GEYJ103	3	C9226	ECUM1E104ZFN	1	FL9401	VLF0894	1	R9220	ERJ6GEYJ152	1	R9492	ERJ6GEY0R00	1	Ш
R3942 R3944	ERJ6GEYJ103 ERJ6GEYJ103	1	C9227 C9228	ECUM1H680JCN	1	FL9402	VLF1046	1	R9221,22	ERJ6GEYJ103	2	R9493	ERJ6GEYJ471	1	\sqcup
R3948	ERJ6GEYJ103	1	C9228	ECUM1E104ZFN ECUM1H180JCN	1	TC0101 03	UPD42280G3	2	R9223 R9224	ERJ6GEYJ102 ERJ6GEYJ333	1	R9494	ERJ6GEYJ102	1	Н
R3951	VRE0034E201	+1+	C9230	ECUM1E104ZFN	1	IC9103	UPD6480GF	1	R9225	ERJ6GEYJ103	1 1	R9498 R9499	ERJ6GEYJ103	1	Н
R3952	VRE0034E101	1	C9231	ECUM1H103ZFN	1	IC9103	UPC664GS	1	R9225	ERJ6GEYJ223	$+\frac{1}{1}$	R9502	ERJ6GEYOROO ERJ6GEYJ221	1	\dashv
R3953,54	ERJ6GEYJ222	2	C9232	ECUM1E104ZFN	1	IC9105	UPD6481GC	1	R9227	ERJ6GEYJ103	1	R9503,04	ERJ6GEYJ333	2	+
R3955	ERJ6GEYJ682	1	C9233	ECEAOJKA470	i	IC9201	UPC659G	1	R9228	ERJ6GEYJ122	1	1.0000,04	2.1004210303	+-	\forall
R3956	ERJ6GEYJ561	1	C9234	ECUM1E104ZFN	1	IC9202	UPC1860GS	1	R9229	ERJ6GEYJ561	1	VR9401	EVN32CA00B23	1	\forall
R3957	ERJ6GEYJ562	1	C9235	ECEAOJKA470	1	IC9204	TC7S08F	1	R9230,31	ERJ6GEYJ103	2	VR9402	EVN32CA00B14	1	П
R3958	ERJ6GEYOROO	1	C9236,37	ECUM1H103ZFN	2	IC9222	AN78N05	1	R9232	ERJ6GEYJ681	1	VR9403	EVN32CA00B24	1	П
R3961-67	ERJ6GEY0R00	7	C9238	ECUM1H102JCN	1	IC9401	NJM2233BMA	1	R9234	ERJ6GEYJ391	1	VR9405-07	EVN32CA00B53	3	П
R3968 R3969-73	ERJ6GEYJ820	5	C9239	ECEA1HKA010	1	IC9402	TK16031MTL	1	R9235	ERJ6GEYJ330	1	VR9410	EVN32CA00B23	1	\perp
R3974,75	ERJ6GEYJ101 ERJ6GEY0R00	2	C9240 C9241	ECEA1HKA010	1	IC9403 IC9404	M52350FP	1	R9236	ERJ6GEYJ391	1	V0001	V0V0540	١.	Н
R3976-78	ERJ6GEYJ101	3	C9241	ECUM1H221JCN	1	IC9404 IC9405	NJM2283M AN78N05	1	R9237,38 R9239	ERJ6GEYJ102 ERJ6GEYOR00	2	X9201 X9202	VSX0549 VSX0330	1	Н
R3979	ERJ6GEYJ820	1	C9243	ECUM1H152KBN	1	IC9410	AN6366NS	1	R9240	ERJ6GEYJ473	1	X9401	VSX0330 VSX0160	1	Н
R3980	ERJ6GEYOROO	1	C9244,45	ECUM1H103ZFN	2	IC9421	UPC393G	1	R9401	ERJ6GEYJ152	1	7,5 701	13/0100		H
R3981-87	ERJ6GEYJ101	7	C9246	ECEAOJKA470	1				R9402	ERJ6GEYJ102	1			1	H
R3988	ERJ6GEYJ222	1	C9247	ECEA1EKA4R7	1	L9001	VLP0133	1	R9403	ERJ6GEYJ153	1				П
R3989	ERJ6GEYJ101	1	C9250	ECUM1H101JCN	1	L9101,02	VLQ0460	2	R9404	ERJ6GEYJ152	1				П
R3991	ERJ6GEY0R00	1	C9251	ECUM1H470JCN	1	L9201	VLQEL05K100J	1	R9405	ERJ6GEYJ221	1				
R3993	ERJ6GEYJ101	1	C9401	ECEA1CKA100	1	L9202-05	VLQ0460	4	R9406	ERJ6GEYJ102	1		[VEP06903A]		Ц
SW3921	VSR0045	1	C9402	ECUM1H103ZFN	1	L9401,02	VLQ0460	2	R9407	ERJ6GEYJ222	1		INTERFACE	—	Н
2M2251	V 3R0043	1	C9403 C9404	ECEA1CKA100 ECUM1H270JUN	1	L9404 L9407,08	VLQEL05K680J VLQ0460	2	R9408 R9419	ERJ6GEYOROO ERJ6GEYJ103	1 1	CC1001	FORMALIA 027FN	١.	Н
VR3771	VRV0161B202	1	C9405	ECUM1H103ZFN	1	L9409	VLQC400 VLQEL05K390J	1	R9419	ERJ6GEYJ223	1	C61001	ECUM1H103ZFN ECUM1H150JCN	2	\vdash
	***************************************		C9406	ECUM1H150JCN	1	L9414	VLQEL05K101J	1	R9421	ERJ6GEYJ221	1	C61004	ECEA0JU101	1	Н
X3801	VSX0353	1	C9407	ECUM1H12OJCN	1				R9422	ERJ6GEYJ222	1		ECUM1H103ZFN	3	Н
X3901	VSX0176	1	C9408	ECUM1H470JCN	1	P9461,62	VJS2907D018	2	R9423	ERJ6GEY0R00	1	C61008	ECEA0JU471	1	Н
			C9414	ECUM1H180JCN	1	P9463	VJP1246T	1	R9424	ERJ6GEYJ332	1	C61009,10	ECUM1H680JCN	2	
			C9418	ECUM1H103ZFN	1				R9425	ERJ6GEYJ183	1	C61011	ECUM1H103ZFN	1	
			C9422	ECEAOJKA470	1	Q9101-03	MSD601-R	3	R9426	ERJ6GEYJ105	1	C61012	ECUM1E104KBN	1	Ш
		\vdash	C9423	ECUM1H103ZFN	1	Q9201-05	MSD601-R	5	R9427	ERJ6GEYJ102	1	C61013	ECEA1HU3R3	1	Ц
	[VEP08166A]		C9424 C9425	ECEAOJKA470 ECUM1H103ZFN	1	Q9206	MSB709-R	1	R9429	ERJ6GEYJ222	1	C61014	ECUM1E104ZFN	1	Ш
	VIDEO C	 	C9425 C9426	ECUMITIO3ZFN ECUMIE104ZFN	1	Q9401 Q9402	MSC2295-B MSB709-R	1	R9430 R9431	ERJ6GEYJ471 ERJ6GEYJ102	1 1	C61015	ECEAOJU101 ECUM1H103ZFN	1 6	\vdash
	_	+++	C9427,28	ECUM1H151JCN	2	Q9402 Q9403	MSD601-R	1	R9431	ERJ6GEYJ272	1		ECUMIHIU3ZFN ECUMIHI03ZFN	6	H
C9001	ECUM1H103ZFN	1	C9429	ECUM1E104ZFN	1	Q9404	MSB709-R	1	R9434	ERJ6GEYJ222	1	C61020-29	ECUM1E104ZFN	1	Н
C9002	ECEA0JKA470	1	C9430-33	ECUM1E473KBN	4	Q9408	MSD601-R	1	R9435	ERJ6GEYJ273	1		ECEA0JU470	4	H
C9003	ECUM1H103ZFN	1	C9434	ECUM1H103ZFN	1	Q9410,11	MSD601-R	2	R9436	ERJ6GEYJ472	1	C61035,36	ECEA1HU010	2	\sqcap
C9004	ECEA0JKA470	1	C9435	ECEA1HKAR47	1	Q9413	MSD601-R	1	R9437	ERJ6GEYJ154	1	C61037-38	ECUM1H103ZFN	12	П
C9005	ECUM1H103ZFN	1	C9436	ECUM1H153KBN	1	Q9415	MSB709-R	1	R9438	ERJ6GEYJ823	1	C61049-51	ECEA1CU100	3	\square
C9006	ECEAOJKA470	1	C9437	ECUM1H471JCN	1	Q9416	MSC2295-B	1	R9439	VRE0034E472	1	C61052	ECUM1E104ZFN	1	
	ECUM1E104ZFN	2	C9438	ECUM1H121JCN	1	Q9418	MSB709-R	1	R9440	VRE0034E562	1	C61053	ECEA1CU100	1	Ц
C9103,04 C9105	ECEATORATOO	2	C9439-44	ECUM1H103ZFN	6	Q9419	MSC2295-B	1	R9441,42	ERJ6GEYJ473	2	Deces:	11505		Ц
C9105	ECEA1CKA100 ECEA1CKA470	1 1	C9445 C9446,47	ECEAOJKA101 ECUM1H103ZFN	2	Q9420,21	MSB709-R	2	R9443	ERJ6GEYJ103	1 2	D61001-04		4	\sqcup
C9100	ECEATORA470	1	C9448,47	ECEAOJKA470	1	QR9402	MRN2404	1	R9445,46 R9447	ERJ6GEYJ105 ERJ6GEYJ222	2	D61005-12	MA123	8	\dashv
	ECUM1E104ZFN	8	C9448 C9449,50	ECUM1H103ZFN	2	QR9402 QR9403-05		3 .	R9447	ERJ6GEYJ222 ERJ6GEYJ681	1 1	FL61004	VLF0634	1	H
C9126	ECUM1H103ZFN	1	C9451	ECUM1H273KBN	1	QR9406,07		2	R9449	ERJ6GEYJ152	$\frac{1}{1}$	1 201004	*LI 0034	+	$\vdash \vdash$
C9127-29	ECUM1E104ZFN	3		ECEA1CKA100	2	QR9408	MRN1404	1	R9450	ERJ6GEYJ272	1	IC61001	HD641180XF6	1	H
C9200	ECUM1H103ZFN	1	C9455	ECUM1H103ZFN	1				R9451	ERJ6GEYJ392	$+\frac{1}{1}$	IC61001	VSI1403	1	\vdash
C9201	ECEA0JKA470	1	C9456,57	ECEA1AKN100	2	R9101	ERJ6GEY0R00	1	R9458,59	ERJ6GEYJ103	2	IC61003	MBM221220	1	H
C9202	ECUM1H470JCN	1	C9458	ECUM1E104ZFN	1	R9102,03	ERJ6GEYJ102	2	R9461	ERJ6GEYJ152	1	IC61004	UPD65012FA19	1	М
C9203	ECUM1H121JCN	1	C9459,60	ECEA0JKA470	2	R9104	ERJ6GEYJ105	1	R9462	ERJ6GEYJ105	1	IC61005	TL7705CPSB	1	П
C9204	ECUM1H103ZFN	1	C9467	ECUM1E104ZFN	1	R9105,06	ERJ6GEYJ330	2	R9464,65	ERJ6GEYJ470	2	IC61006	MC74HC4538F	1	
C9205	ECEAOJKA470	1	C9468	ECUM1H103ZFN	1	R9107-09	ERJ6GEYJ223	3	R9466	ERJ6GEYJ332	1	IC61007	MC74HC32AF	1	\Box
C9206	ECUM1H103ZFN	1	C9472	ECEA1CKA100	1	R9203	ERJ6GEYJ105	1	R9467	ERJ6GEYJ682	1	IC61008	TC7W00F	1	\Box
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IC61009	TC7W04F	1	C68018	ECUM1H270JCN	1	R68030	ERJ6GEYJ223	1	C1029	ECEA1CGE470	1	Н		1 4101101	-	┿┥
IC61010	MC74HC14AF	1	C68019	ECUM1H560JCN	1	R68031	ERJ6GEYJ103	1	C1023	ECA1VFQ681	1	Н	R4201,02	ERDS2TJ151	2	+
IC61011	MC34051M	1	C68020	ECEV1CV100S	1	R68032	VRE0034E272	1	C1032	ECCD2H101J	1		R4203	ERDS2TJ222	1	+
IC61013	MC74HC541F	1	C68021-27	ECUM1H103ZFN	7	R68034	VRE0034E153	1	C1033	ECEA1JFE560	1		R4204	ERDS2TJ272	1	
IC61014	MC74HC245AF	1	C68028	ECUM1E104ZFN	1	R68036,37	ERJ6GEYJ103	2	C1036	ECA1CFZ821	1		R4205	ERDS2TJ222	1	_
IC61015	MC74HC541F	1	C68029,30		2	R68038	ERJ6GEYJ473	1	C1038	ECCD2H101J	1	Ш	R4206	ERDS2TJ272	1	
IC61016 IC61017	MC74HC138AF MB89363BPF	1	C68031 C68032	ECUM1H050CCN	1	R68039 R68040	ERJ6GEYG103	1	C1039	ECA1EFZ331	1	Н	R4207,08	EROS2CKG5100	2	$\overline{}$
IC61017	*****	2	C68032	ECUM1H560JCN ECUM1H060DCN	1 1	R68041	ERJ6GEYG331 ERJ6GEYJ224	1 1	D1005	MA723	1	-	R4209,10	ERDS2TJ151	2	+
IC61020-2		3	C68034	ECUM1H103ZFN	1	R68042,43	ERJ6GEYJ102	2	D1005	8P2M	1	Н	VR4201=04	EVJ9MA040B14	4	H
IC61023	NJM2233BMA	1	C68035	ECUM1E104ZFN	1	R68044	ERJ6GEYJ223	1	D1007	VSD0002	1		TICTEDE OF	2703,71040314	+ -	+
			C68036	ECEV1HV2R2S	1	R68045,46		2	D1008	FMB-24H	1				\top	+
L61001	VLQEL05S470J	1	C68037	ECEV1CV100S	1	R68047	ERJ6GEYJ103	1	D1010,11	FMLG12SP	2					
L61002	VLQ0067	1	C68038,39		2	R68048	ERJ6GEYJ105	1	D1012	VSD0001	1 !	Ш			ļ	
L61003-05		3	C68040	ECUM1H102JCN	1	R68049	ERJ6GEYJ393	1	D1013	RL2ZP	1			F1/500 444 0 4 7		\perp
L61006	VLP0017 VLQEL05S470J	3	C68041 C68042	ECUM1H103ZFN	1 1	R68050	ERJ6GEYJ473	1	D1014	VSD0002	1			[VEP04418A]	-	-
L01007-09	VLQEL0334700	3	C68042	ECUM1H102JCN ECHU1C102JA5	1	SW68001	VSS0342	1	D1015 D1016	VSD0001 MA4200H	1	H		FRONT JACK	+	+-
P61001	VJP3176B100	1	C68043	ECHOTOTOZOAS ECUM1H103ZFN	1	3400001	¥33034Z		D1017	31DQ04	1		C4901,02	ECKF1H101KB	2	+
P61002	VJP3088	1	C68045	ECUM1H151JCN	1 1	VR68001	VRV0161B203	1	D1017	RD120E	1	Н	07301,02	FOUR THIRDING	-	+
P61003	VJS3406D024	1	C68046	ECEV1CV100S	1	11		+-+	D1020	MA4360M	1	Н	D4901	MA165VT	1	\forall
P61004	VJS3505C060	1	C68047	ECUM1E104ZFN	1	W68001	ERJ6GEY0R00	1							Τ	П
P61009	VJP3092	1	C68048	ECUM1H102JCN	1	W68003	ERJ6GEY0R00	1	IC1001	STRM6543LF	1	!	J4901	VJJ0378	1	П
P61010	VJP3088	1	Denes :			W68005	ERJ6GEYOROO	1	IC1002	TL431CLP	1	Ц			<u> </u>	\perp
061001	MCD700 D	+++	D68001,02		2	W68007	ERJ6GEYOROO	1	11000	VI D0074	+	Ц	L4901,02	VLQEL05S101J	2	\vdash
Q61001 Q61002,03	MSB709-R MSD601-P	2	D68004,05	WHT2TK	2	W68009 W68012-14	ERJ6GEYOROO	1 2	L1003	VLP0074 .	1	Н	D4001	V 102500	١.	\dashv
QU1002,03	1130001-K	-	IC68001	UPD78220GJ	1	W68012-14		2	L1004 L1006	VLQ0605 VLQ0354	1	Н	P4901 P4902	VJP3529 VJP3076	1	+
R61001.02	ERJ6GEYJ152	2	IC68002	MN51040VPI	1	1	- LINOUL I UNUU		L1007.08	VLQ0354 VLQ0410	2	Н	1 7302	701 3070		H
	ERJ6GEYJ101	2	IC68003	MB8421-90LPF	1	X68001	VSX0499	1	L1009	EXCELSA35	1	Н	R4901	ERDS2TJ273	1	H
	ERJ6GEYJ152	2	IC68004	M51951AML	1	X68002	VSX0498	1	1		+-	Н	R4902	ERDS2TJ222	1	Ħ
R61007-12	ERJ6GEYJ103	6	IC68005,6	MC74HC32AF	2	X68003	VSX0358	1	P1002	VJP1153	1	П	R4903	ERDS2TJ393	1	П
-	ERJ6GEYJ103	17	IC68007	MC74HC04AF	1				P1003	VJP3088	1		R4904	ERDS2TJ153	1	
	ERJ6GEYJ103	2	IC68008	MC74HC32AF	1			\perp			-		R4905	ERDS2TJ682	1	-
R61034 R61035	ERJ6GEYJ102	1	IC68009	MC74HC373AF	1				Q1001	PS2561L1-1	1	Ц	R4906	ERDS2TJ222	1	\dashv
· · · · · · · · · · · · · · · · · · ·	ERJ6GEYJ472 ERJ6GEYJ473	2	IC68010 IC68011	VSI1404 MC74HC4053F	1	┨├───			Q1002	2SD1474	1		SW4901	VSR0103	$\frac{1}{1}$	+
	ERJ6GEYJ103	10	IC68012	AN1319S	1	-	[VEP01559A]	-	R1004,05	ERG3SJ563	<i>i</i> 2	\vdash	284901	V3K0103	1	H
	ERJ6GEYJ473	2		MC74HC4053F	2	-	POWER (1)	+	R1004,03	ERDS2FJ221	1	\dashv	VR4901	EVUNCAF15B23	 1	H
R61050	ERJ6GEYJ103	1	IC68015	TC74HC221AF	1	11		 	R1007	ERDS2FJ270	1	\exists	VR4902	EVU55AF15B15	1	H
R61051-55	ERJ6GEYJ473	5	IC68016	AN6912S	1	C1001,02	VCK0083	2 !	R1008	ERDS2FJ220	1	П	VR4903	EVU023015B14	1	П
	ERJ6GEYJ103	8	IC68017	UPD65005X436	1	C1003	ECQU2A224MN	1!	R1009	ERW1PKR18	1					
R61064	ERJ6GEYJ473	1				C1006	VCK0045	1!	R1010	ERDS2FJ152	1	\Box				
R61065	ERJ6GEYJ103	1	IF68010	VJF1046	1	1	5005160	 	R1011	ERDS2FJ101	1	_	ļ		ļ	\sqcup
	ERJ6GEYJ101 ERJ6GEYJ101	24	1560010	V 102427V020	1	D1001	D3SBA60	1!	R1012	ERDS2FJ103	1	\dashv	<u></u>		1	⊣
	ERJ6GEYJ101	8	1568010	VJS3427X028	-	F1001	XBA1C40NB5	1!	R1013 R1014	ERDS2TJ271 ERDS2TJ561	1	\dashv		[VEP00T59A]	-	${m H}$
	ERJ6GEYJ101	16	L68001	VLQ0319K221	1	111001	VBVICAOURD	1 ;	R1015	ER0S2TKF2701	1	\dashv		MOTHER	-	\forall
	ERJ6GEYJ101	19	20000	124002011222		L1001	ELF18D605	1 !	R1016	ERDS2TO	1	\dashv		TOTTEN		H
	ERJ6GEYJ331	20	P68001	VJP3507C060	1	1		1-1-	R1017	EROS2CKF2201	1	\forall	P910	VJP1154	1	\forall
R61180-82	ERJ6GEYJ101	3				P1001	VJP2639	1	R1018,19	ERDS2FJ333	2	\Box	P921-23	VJP3203A020Z	3	\Box
	ERJ6GEYJ273	2	Q68001	MSB709-R	1				R1020,21	ERDS2FJ105	2		P931	VJS2898A100	1	\square
R61186	ERJ6GEYJ223	1				1			R1022	ERDS2FJ224	1	Ц	P932	VJS2898A064	1	
R61187	ERJ6GEYJ273	1		ERJ6GEYJ473	3			+	R1024	ERG1SJ271	1	Ш	P933-35	VJS2898A100	3	
R61188 R61189	ERJ6GEYJ511	1	R68004	ERJ6GEYJ105 ERJ6GEYJ103	1	1		++	R1025	ERDS2FJ102	1	H	P941,42	VJS2898A064	2	
R61189	ERJ6GEYJ102 ERJ6GEYJ152	1	R68005,06	ERJ6GEYJ103 ERJ6GEYJ222	2		[VEP01560A]	++	R1026	VSF0078 ERX3SJ1R0P	1	!	P961-64	VJS3152	4	
R61191	ERJ6GEYJ223	1	R68007	ERJ6GEYJ103	1	11	POWER (2)	++	R1028 R1030	ERDS2FJ3R9	1	\dashv	P971-74	VJS3490A13	4	+
		+-+	R68009	ERJ6GEYJ122	1	11	· John (2)		R1031	EROS2TKG2703	1	Н			+-	H
X61001	VSX0373	1	R68010	ERJ6GEYJ562	1	C1008	ECES2DC821D	1	R1033	EROS2TKG2703	1	Н			+	\forall
				ERJ6GEYJ223	2	C1009	ECEA2AGE100	1	R1034,35	ERDS2FJ333	2	П			1	Ħ
			R68013	ERJ6GEYJ562	1	C1010	ECEA2DGE010	-1								
		1 1	R68014	ERJ6GEYJ824	1	C1013	ECQE6473MZ	1	T1001	VLT0728	1	!		[VEP01478C]		
		+		ERJ6GEYJ272	2	C1014	ECKD2H151KB	1	1		4-4	Ц		POWER CONNECT		닏
	[VEP06913A]		R68017	ERJ6GEYJ102	1 1	C1015 C1016	ECCETUAZE 1	1	 		4	Н	01101 00	Econorac	-	⇊
	TIME CODE	++	R68018 R68019	ERJ6GEYJ104 ERJ6GEYJ332	1	C1016	ECCF1H271J ECKF1H102KB	1 1	 		+	\dashv	C1101,02	ECQU2A224MN	1 2	11
	TILL CODE	1	R68020	ERJ6GEYJ152	1	C1017	ECA1CXLV221X	1	11			Н	L1101	ELF18D605	1	+
C68001.02	ECUM1H103ZFN	2	R68021	ERJ6GEYJ394	1	C1019	ECQB1H473JF	1	11	[VEP04328A]	+ -	H	1-1101	20, 100003	1	+
C68003	ECEV1HVR22S	1	R68022	ERJ6GEYG751	1	C1021,22	ECA1AFZ332	2	11	AUDIO METER	+	$\vdash \vdash$	P1101	VJP2638	1	!
	ECUM1H220JCN	2	R68023	ERJ6GEYJ122	1	C1023	ECQV1H564JZ	1				П	P1102	VJS2985	1	
	ECUM1H103ZFN	4		ERJ6GEYJ104	2	C1024	ECA1CFQ152	1	D4201-06	LN440YCPUVT1	6					口
	ECUM1H150JCN	2	R68026	ERJ6GEYJ752	1	C1025	ECCD2H101J	1	D4207,08	MA165VT	2		R1101	ERC12GM334	1	1
	ECUM1H103ZFN	5	R68027	ERJ6GEYJ103	1	C1026	ECA1EFZ122L	1	Descri	W 300000	1 - 1	Ц			1	$\downarrow \downarrow$
C68017	ECUM1H050CCN	1	кови28,29	ERJ6GEYJ123	2	C1028	ECKF1H103ZF	1	P4201	VJP3081	1	Н	-		-	+
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<u> </u>	+	-	Н	R2728 R2729	ERJ6GEYJ823 ERJ6GEYJ103	1	C3070	ECUM1H330JCN	1	C3241	ECUM1H103KBN	1	C3350	ECUM1H271JCN	1
		+	\vdash	R2729	ERJ6GEYJ101	1	C3071 C3072-75	ECEVOJV470S	1	C3242	ECEVOJN470S	1	C3351	ECUM1H471JCN	1
	[VEP02417A]	_	\vdash	R2731	ERJ6GEYJ122	1	C3072=75	ECUM1H103KBN ECEV0JV470S	1	C3243,44 C3245-47	ECUM1E104ZFN ECUM1H103KBN	3	C3352	ECUM1H12OJCN	1
	REEL DRIVE			R2732	ERJ6GEYJ103	1	C3077	ECEV1HV3R3S	1	C3248,49	ECUM1H470JCN	2	C3353 C3354	ECEVOJV470S	$\begin{vmatrix} 1\\1 \end{vmatrix}$
				R2733	ERJ6GEYJ102	1	C3078	ECUM1H103KBN	1	C3250	ECUM1H100DCN	1	C3355	ECUM1H103KBN	1
C2701	ECQV1H104JZ	1		R2734,35	ERDS2TJ330	2	C3081	ECEV1HV3R3S	1	C3251	ECUM1H103KBN	1	C3356	ECUM1H150JCN	1
C2702	ECEA1EKA470	1		R2736	ERX12SJR47	1	C3085	ECUM1E104KBN	1	C3252	ECEVOJV470S	1	C3357	ECUM1H271JCN	1
C2703	ECEAOJKA470	1	Н	R2737	ERDS2TJ330	1	C3088	ECUM1H070DCN	1	C3253	ECUM1H103KBN	1	C3358	ECUM1H820JCN	1
C2704 C2705	ECUM1H333KBN ECQV1H564JZ	1 1	Н	R2738	ERJ6GEYJ102	1	C3089	ECUM1H100DCN	1	C3254	ECEVOJV470S	1	C3359	ECUM1H181JCN	1
C2706-08	ECEA1HKA2R2	3	-1	R2739 R2740	ERJ6GEYJ221 ERJ6GEYJ224	1 1	C3090 C3092-95	ECUM1E104ZFN	1	C3255	ECUM1H101JCN	1	C3360-63	ECUM1H103KBN	4
C2709-12	ECUM1H333KBN	4	\exists	R2741,42	ERJ6GEYJ102	2	C3092-95	ECUM1H103KBN ECUM1E104KBN	1	C3256 C3257	ECUM1H271JCN	1	C3372	ECEVOJV470S	1
C2713	ECEA0JKA470	1	\vdash	R2743	ERJ6GEYJ223	1	C3097-99	ECUM1E104ZFN	3	C3258	ECEVOJV470S ECUM1E104ZFN	1	C3373 C3374,75	ECUM1E104ZFN	1
C2714	ECEAOJKA101	1	П				C3100	ECUM1H121JCN	1	C3259	ECUM1E1042FN ECUM1E473KBN	1	C3374,75	ECUMIH103KBN ECEVICV100S	2
C2715-17	ECEA0JKA470	3					C3101	ECUM1H180JCN	† i †	C3260	ECUM1H561JCN	1	C3377	ECUM1H103KBN	$\frac{1}{1}$
C2718	ECQV1H104JZ	1					C3102	ECUM1H332KBN	1	C3261	ECUM1H103KBN	1	C3378	ECEV1CV100S	1
C2719	ECEA1EKA470	1	Ц				C3103	ECUM1H070DCN	1	C3262	ECEV1CV470S	1	C3379	ECUM1H103KBN	$+$ $\frac{1}{1}$ $+$
C2720	ECEA0JKA470	1					C3104	ECUM1H820JCN	1	C3263,64	ECUM1H390JCN	2	C3382	ECUM1H103KBN	1
C2721 C2722	ECUM1H333KBN	1	_		[VEP03A66A]		C3106	ECEV1EV4R7S	1	C3265	ECUM1H103KBN	1	C3383	ECUM1H12OJCN	1
C2723-25	ECQV1H564JZ ECEA1HKA2R2	1	4		VIDEO I/O	-	C3107	ECEV1HV010S	1	C3266	ECEVOJV470S	1	C3385,86	ECUM1H080DCN	2
C2725-25	ECUM1H333KBN	3 4	-	C3001	ECEVOJV101S	-	C3108,09	ECEV1HV3R3S	2	C3267,68	ECUM1H103KBN	2	C3387	ECUM1H330JCN	1
JE, EU-23	2001 III DONDIN	4	\dashv	C3001	ECEVOJV101S ECUM1H103KBN	1	C3110-12 C3113	ECEVOJV470S	3	C3269	ECUM1H104ZFN	1			ĻΤ
D2701	MA151K	1	\dashv	C3002	ECUM1H390JCN	1	C3113	ECUM1H101JCN ECUM1E104ZFN	1	C3270 C3271	ECUM1H821JCN	1	D3001	MA151K	1
D2702	MA151WK	1	\dashv	C3005	ECEVOJV220S	1	C3114 C3115	ECUMIEIO4ZFN ECUMIHI51JCN	1	C3271 C3272	ECQV1H154JZ ECUM1E104ZFN	1	D3003-11	MA151K	9
D2703	MA151K	1	\dashv	C3006	ECUM1H332KBN	1	C3116	ECUMIE104ZFN	1	C3272	ECUM1E104ZFN ECUM1H103KBN	1	D3012 D3151	MA151WK MA714	1
D2704	MA153	1	7	C3007	ECUM1H103KBN	1	C3118	ECEV1HV010S	1	C3274	ECUMIHIOJON	1	D3151	MA157	1 1
D2705	MA151K	1		C3008	ECEV1EV4R7S	1	C3119	ECUM1H123KBN	1	C3275	ECUM1H560JCN	1	D3202	MAI51K	1
D2706	MA151WK	1		C3009	ECEV1HV3R3S	1	C3120	ECUM1H181JCN	1	C3276	ECUM1H151JCN	1	D3203	MA714	1
D2707	MA151K	1	_	C3010	ECUM1H101JCN	1	C3125	ECUM1E104ZFN	1	C3277	ECUM1H104ZFN	1	D3204-06	MA151K	3
D2708	MA153	1	_	C3011	ECUM1H122KBN	1	C3126	ECUM1H330JCN	1	C3301	ECUM1H101JCN	1	D3301	MA151K	1
IC2701,02	XRA6435S		[C3013	ECEV1CV470S	1	C3127,28	ECUM1H080DCN	2		ECUM1H103KBN	l	D3302	MA151WA	1
IC2701,02	LM358PS-R	2	-1	C3014 C3015	ECUM1H103KBN	1	C3129	ECUM1H150JCN	1		ECEVOJV470S	1	D3303	MA151K	1
IC2704	MC140538F	1		C3015	ECEV1CV470S ECUM1H103KBN	1	C3130	ECUM1E104ZFN	1		ECUM1H103KBN	2	D3404	MA151K	1
IC2705	LM339NS	1	-1	C3017	ECUMIHIOSKEN ECUMIHIOSKEN	1	C3132 C3153	ECUM1E104ZFN	1 -		ECEV1CV100S	1			
IC2706	LM358PS-R	1	-11	C3018	ECUM1E224ZFN	1	C3154	ECUM1E104ZFN ECEVOJV470S	1		ECUM1H151JCN	1	DL3201	ELB4R031	1
1-7		1-1	-{	C3019	ECEVOJV470S	1	C3155	ECUM1H103KBN	1		ECUM1H121JCN	1	DL3301	VLD0265	1
J2701	ERJ6GEY0R00	1	-11	C3020	ECUM1H103KBN	1	C3156	ECEVOJV470S	1	l	ECUM1E104ZFN ECUM1H103KBN	1	FL3001	VLF1049	
			71	C3021	ECUM1H223KBN	1	C3157	ECUM1H103KBN	1		ECEV1CV470S	1	FL3002	VLF1049 VLF1048	1 1
L2701-04	VLQ0460	4		C3022	ECEVOJV470S	1	C3158	ECUM1E104ZFN	1		ECEVOJV470S	1	FL3003	VLF1046	1
					ECUM1H103KBN	1	C3160	ECUM1H102JCN	1		ECEV1CV100S	1	FL3201	VLF1050	1
P2701	VJS3135	1	41		ECUM1E104KBN	1	C3190,91	ECUM1H103KBN	2		ECUM1H103KBN	1	FL3202	VLF1047	1
P2702 P2703	VJS2149W	1	-11		ECUM1H103KBN	1		ECUM1H153KBN	2		ECEVOJV470S	2	FL3203	VLF1055	1
P2704,05	VJS3202B008 VJS1412	2	-	C3026	ECEV1CV470S	1	C3194	ECUM1E104ZFN	1		ECEV1HV010S	1	FL3204	VLF1045	1
F2704,03	VU31412		-11	C3027 C3028	ECUM1E104KBN ECUM1H103KBN	1	C3201	ECUM1E104ZFN	1		ECUM1E104ZFN	1	FL3205	VLF1051	1
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R2701	ERJ6GEYG102	1	_		ECUM1E104KBN	1	C3211	ECEV1HV3R3S	1		ECEVOJV470S	1	IC3003	MC74HC4053F NJM2233BMA	1
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R2707,08	ERJ6GEYJ223 ERJ6GEYJ103	1	41		ECUM1H103KBN	2	C3217	ECUM1E104ZFN	1		ECUM1H152KBN	1	IC3009	MC14052BF	1
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R2711	ERJ6GEYJ103	1	╢		ECUM1H330JCN ECUM1H181JCN	1		ECEVOJV470S ECUM1H103KBN	1		ECEVOJV470S	1		RC082BM	1
R2712	ERJ6GEYJ102	1	\dashv		ECUM1H103KBN	1		ECEV1EV4R7S	2		ECUM1H103KBN ECUM1E104ZFN	1		MC14577BF	1
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	ERJ6GEYJ101	1][C3055	ECUM1H101JCN	1		ECEV1CV100S	1		ECUM1H271JCN	1		MC14577BF	1
R2718	ERJ6GEYJ272	1	⊣ ⊦		ECUM1H180JCN	1		ECUM1H103KBN	2		ECEV1HV3R3S	1		NJM2233BMA	1
R2719	ERJ6GEYJ822	1	I H		ECUM1H680JCN	1		ECEV1CV100S	1		ECUM1E104ZFN	1		SN74LS123NS	1
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L3221 VI_Q0133J331 Q3231-33 MSB709-R 3 R3056 ERJ6GEYJ102 1 R3146 ERJ6GEYJ473 1 R3240 ERJ6EYJ222 VI_Q013J33J391 2 Q3234 MSD601-R 1 R3050 RJ6GEYJ1822 1 R3147 ERJ6GEYJ562 1 R3241 ERJ6EYJ623 R3147 ERJ6GEYJ682 1 R3241 ERJ6EYJ623 R3148 ERJ6GEYJ682 1 R3241 ERJ6EYJ623 R3148 ERJ6GEYJ682 1 R3241 ERJ6EYJ623 R3148 ERJ6GEYJ682 1 R3241 ERJ6EYJ623 R3240 ERJ6EYJ623 ERJ6EYJ623 R3240 ERJ6EYJ623 R3240 ERJ6EYJ623 R3240 ERJ6EYJ623 R3240 ERJ6EYJ623							- L							ERJ6GEYJ102 ERJ6GEYJ101	1	
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R3309 VLQ0163J221 1 Q3307,08 MS0601-R 2 R3062,63 ERJ6GEYJ103 2 R3151 ERJ6GEYJ102 1 R3245 ERJ6L3310,11 VLQ0319K101 2 Q3310-14 MS0601-R 5 R3064 ERJ6GEYJ332 1 R3152 ERJ6GEYJ332 1 R3151 ERJ6GEYJ332 1 R3246 ERJ6L3313 VLQ0163J487 1 Q3310-14 MS0601-R 5 R3065 ERJ6GEYJ321 R3153 ERJ6GEYJ332 1 R3247 ERJ6L3313 VLQ0163J487 1 Q3315 MSC2295-B 1 R3066 ERJ6GEYJ103 1 R3156 ERJ6GEYJ332 1 R3248				1	MSD601-R	1	R3060							ERJ6GEYJ332	1	_
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R3267 VLQ0319K220 1 QR3007,08 MRN1404 2 R3077 ERJ6GEYJ561 1 R3166 ERJ6GEYJ273 1 R3259 ERJ6CEYJ328 VLQ0319K180 1 QR3009 DTC363EK 1 R3078 ERJ6GEYJ104 1 R3168 ERJ6GEYJ273 1 R3260 ERJ6CEYJ602 R3010 MRN1404 1 R3079 ERJ6GEYJ103 1 R3169 ERJ6GEYJ472 1 R3261 ERJ6CEYJ602 R3010 MRN1404 3 R3080 ERJ6GEYJ102 1 R3170 ERJ6GEYJ561 1 R3262 ERJ6CEYJ602 R3002 VJP31080 1 QR3014-16 MRN404 3 R3081 ERJ6GEYJ333 1 R3171 ERJ6GEYJ103 1 R3262 ERJ6CEYJ602 R3172 ERJ6CEYJ603 R3081 R3081 ERJ6CEYJ603 R3081 R3081 ERJ6CEYJ603 R3081 ERJ6CEYJ603 R3081 ERJ6CEYJ603 R3081 R3081 ERJ6CEYJ603 R3081 R3081 R3081 R3081 R3081 R3081 ERJ6CEYJ603 R3081 R308				1 										ERJ6GEYJ101 ERJ6GEYJ333	1	-+-
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P931 VJP3176B100 1 QR3011-13 MRV2404 3 R3080 ERJ6GEYJ102 1 R3170 ERJ6GEYJ561 1 R3262 ERJ6GEYJ02 VJP3080 1 QR3014-16 MRN1404 3 R3081 ERJ6GEYJ333 1 R3171 ERJ6GEYJ103 1 R3263 ERJ6GEYJ0301 VR1404 1 R3264 ERJ6GEYJ0301 VR1404 1 V	12320	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	++	- L										ERJ6GEYJ222	1	_
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R3273 R3274 R3275 R3276	ERJ6GEYJ392 ERJ6GEYJ222		-1 	ERJ6GEYJ153	1	1								, ,
R3274 R3275 R3276	ERJ6GEYJ222	1			1	R3559	ERJ6GEYJ333	1	C40010	ECEA1CSN100	1	C40091	ECUM1H223KBN	1
R3275 R3276			R3354	ERJ6GEYJ223	1	R3560,61	ERJ6GEYJ102	2	C40011	ECEA1CKA100	1	C40092,93		2
R3276	FRUMGE YOROO	1	R3355-57		3	R3562	ERJ6GEY0R00	1	C40012	ECQB1H104JF	1	C40094	ECUM1H223KBN	1
	ERJ6GEYJ152	1	R3358	ERJ6GEYJ222	1	R3563	ERJ6GEYJ102	1	C40013	ECUM1H560JCN	1	C40095	ECEA1CKA100	1
	ERJ6GEYJ152	1	R3359 R3360	ERJ6GEYJ470	1	R3565	ERJ6GEYJ470	1	C40014	ECEA0JKA221	1	C40096	ECEA1CSN100	1
R3277 R3278	ERJ6GEYJ222	1	R3361	ERJ6GEYJ562 ERJ6GEYJ332	1 1	R3566	ERJ6GEYJ102	1	C40015	ECEA1CU221	1	C40097	ECEA1CKA100	1
R3279	ERJ6GEYJ102	1	R3362	ERJ6GEYJ223	1	R3567 R3568	ERJ6GEYJ470 ERJ6GEYJ105	1	C40016 C40017	ECQV1H334JZ	1	C40098	ECUM1H273KBN	1
R3281	ERJ6GEYJ222	1	R3363	ERJ6GEYJ103	1	R3571	ERJ6GEYJ272	1	C40017	ECQB1H104JF ECEA1CKA100	1 1	C40099 C40101	ECEA1HKN010	1
R3282	ERJ6GEYJ124	1	R3364	ERJ6GEYJ272	1	-	EKOOGE FOETE	1	C40019	ECEA1CKA101	1	C40101	ECEA16M10 ECEA1HKA010	1 1
R3283	ERJ6GEYJ123	1	R3366	ERJ6GEYJ222	1	VR3001	EVN32CA00B24	1	C40020	ECQ81H473JF	† î †	C40103	ECEAOJKA221	1
R3284	ERJ6GEYJ474	1	R3367	ERJ6GEYJ820	1	VR3003	EVN32CA00B53	1	C40021	ECKD2H331KB	1	C40104	ECQV1H334JZ	1
R3285,86	ERJ6GEYJ102	2	R3368	ERJ6GEYJ102	1	VR3006	EVN32CA00B24	1	C40022	ECKD2H151KB	1	C40105	ECQB1H104JF	1
R3287 R3288	ERJ6GEYJ222 ERJ6GEYJ103	1	R3369	ERJ6GEYJ151	1		EVM7DSX04B54	5	C40023	ECUM1H102KBN	1	C40106	ECEA1CKA100	1
R3289	ERJ6GEYJ471	1	R3370 R3371,72	ERJ6GEYJ391	1		EVM7DSX04B24	2	C40024	ECQP1H223JZ3	1	C40107	ECQB1H473JF	1
R3290	ERJ6GEYJ223	$\frac{1}{1}$	R3373	ERJ6GEYJ222 ERJ6GEYJ820	2	VR3101 VR3201	EVM7DSX04B14	1	C40025	ECUM1H102KBN	1	C40108	ECEA1CKA101	1
R3291	ERJ6GEYJ333	1	R3374	ERJ6GEYJ102	1	VR3201 VR3202	EVN32CA00B14 EVM7JSX30B32	1	C40026	ECQB1H103JF	1	C40109	ECEA1CU221	1
R3292	ERJ6GEYJ471	1	R3375	ERJ6GEYJ681	1	VR3202	EVN32CA00B14	1	C40027 C40028	ECQM2152KZ ECEA1CKA101	1 1	C40110	ECEA1CKA100	1
R3293	VRE0034E682	1	R3376	ERJ6GEY0R00	1		EVM7JSX30B13	2	C40029	ECSF1EE336	1	C40111 C40112	ECQB1H273JF ECUM1H102KBN	1 1
R3294	ERJ6GEYJ102	1	R3377	ERJ6GEYJ222	1	VR3301	EVN32CA00B14	1	C40030	ECUM1H152KBN	1	C40112	ECONTHIOZNEN	$\frac{1}{1}$
R3295	ERJ6GEYJ103	1	R3378,79	ERJ6GEYJ331	2	VR3305	EVN32CA00B23	1	C40031,32	ECEA10M22	2	C40113	ECQB1H472JF	1
R3296	ERJ6GEYJ333	1	R3380	ERJ6GEYJ471	1				C40033	ECEA16M10	1	C40115	ECEA1HKA010	$\frac{1}{1}$
R3297	ERJ6GEYJ181	1	R3384	ERJ6GEY0R00	1	X3001	VSX0160	1	C40034	ECEA50M1	1	C40116	ECQB1H472JF	1
R3298	ERJ6GEY0R00	1	R3385	ERJ6GEYJ221	1				C40035	ECUM1H102KBN	1	C40117	ECEA1CKA100	1
R3299	ERJ6GEYJ103	1	R3386	ERJ6GEY0R00	1			$\perp T$	C40036	ECEA10M33	1	C40118	ECUM1H102JCN	1
R3300	ERJ6GEYJ221	1	R3389	ERJ6GEYJ223	1	-			C40037	ECQB1H823JF	1	C40119	ECQB1H562JF	1
R3301 R3302	ERJ6GEYJ103 ERJ6GEYJ102	1	R3390	ERJ6GEYJ471	1				C40038	ECUM1H101JCN	1	C40120	ECUM1C104KBN	1
R3303	ERJ6GEYJ222	1	R3391 R3392	ERJ6GEYJ152 ERJ6GEYJ102	1	┨	FUEDOLLES		C40039	ECEA1EKA4R7	1	C40121	ECKD2H331KB	1
R3304	ERJ6GEYJ105	1	R3393	ERJ6GEYJ472	1	{ }	[VEP04419A]	 	C40040	ECEA1HKA2R2	1	C40122	ECKD2H151KB	1
R3305	ERJ6GEYJ101	1	R3394	ERJ6GEYJ222	1	┨	MIC JACK			ECUM1H223KBN	2	C40123	ECQM2152KZ	1
R3306	ERJ6GEYJ221	1	R3397,98	ERJ6GEYJ681	2	C4301	ECEA1CKA100	1	C40043 C40044	ECEA1CKA100 ECQB1H472JF	1	C40124	ECEA1HKA010	1
R3307	ERJ6GEYJ102	1	R3399,00	ERJ6GEYJ102	2	C4302	ECUM1H102KBN	1	C40045	ECQB1H273JF	1	C40125 C40126	ECUMIHIO2KBN	1 -
R3308	ERJ6GEYJ103	1	R3401	ERJ6GEYJ152	1	C4303-05	ECEA1CKA470	3	C40045	ECEA1CKA100	1	C40126	ECUM1H152KBN ECEA1HKN010	2
R3309	ERJ6GEYJ473	1	R3402	ERJ6GEYJ222	1	C4306	ECEA1CKA100	1	C40047	ECUM1H102KBN	1	C40127,28	ECUM1C104KBN	1
R3310	ERJ6GEYJ105	1	R3403	ERJ6GEYJ102	1	C4307	ECUM1H102KBN	1	C40048	ECQB1H562JF	1	C40131	ECUM1H392KBN	1
R3311	ERJ6GEYJ103	1	R3404	ERJ6GEYJ103	1	C4308	ECEA1CKA470	1	C40049	ECEA1HKA010	1	C40132	ECQB1H123JF	1
R3312	ERJ6GEYJ473	1	R3405	ERJ6GEYJ821	1				C40050	ECQB1H472JF	1	C40133,34		2
R3313	ERJ6GEYJ102	1	R3406	ERJ6GEYJ151	1	FL4301,02	VLF0523	2	C40051	ECQM2152KZ	1	C40135	ECQB1H473JF	1
R3314	ERJ6GEYJ272	1	R3407	ERJ6GEYJ102	1	11			C40052	ECEA1CKA100	1	C40136	ECEA1EKN4R7	1
R3315,16 R3317	ERJ6GEYJ103	2	R3408	ERJ6GEYJ101	1	IC4301	NJM2068MD	1	C40053	ECUM1H102JCN	1	C40137	ECEA1CKA100	1
R3318	ERJ6GEYJ182 ERJ6GEYJ473	1	R3409,10 R3411	ERJ6GEYJ102	2	14201 00	V110070		C40054	ECUM1H152KBN	1	C40138	ECQB1H333JF	1
R3319	ERJ6GEYJ221	1	R3502	ERJ6GEYJ152 ERJ6GEYJ561	1	J4301,02	VJJ0078	2	C40055	ECUM1H102KBN	1	C40139	ECEA1CU471	1
R3320	ERJ6GEYJ102	1	R3503	ERJ6GEYJ332	1	P4301	VJP1234T		C40056	ECEA1HKA010	1	C40140,41		2
R3321	ERJ6GEYJ471	1	R3504-10	ERJ6GEYJ152	7	F4301	VJP12341	1		ECEA1HKN010 ECUM1C104KBN	2	C40142	ECEA1CKA220	1
R3322	ERJ6GEYJ561	1	R3511	ERJ6GEYJ182	1	Q4301	MSD602-R	1		ECUMICIOAKBN ECUMIH102KBN	2	C40143 C40144	ECEA1CKA101	1
R3323	ERJ6GEYJ471	1	R3512	ERJ6GEYJ561	1	119,201	TIODOUZ-IX			ECQB1H473JF	1	C40144 C40145	ECUM1H103KBN ECEA1AKA330	1
R3324	ERJ6GEYJ102	1	R3513	ERJ6GEYJ392	1	R4301,02	ERJ6GEYJ224	2		ECEA1CKA100	1	C40145	ECQB1H104JF	1
R3325	ERJ6GEYJ332	1	R3514	ERJ6GEYJ152	1	R4303	ERJ6GEYJ561	1		ECEA1EKN4R7	1	C40148	ECEA1AKA330	1 1
R3327	ERJ6GEYJ472	1	R3515,16	ERJ6GEYJ472	2	R4304	ERJ6GEYJ124	1	(- - - - - - - -	ECQB1H562JF	1	C40147	ECUM1H330JCN	1
R3328	ERJ6GEYJ103	1	R3517	ERJ6GEYJ561	1	R4305	ERJ6GEYJ753	1		ECUM1C104KBN	1	C40149	ECEA1HKA010	1
R3329	ERJ6GEYJ332	1	R3518,19	ERJ6GEYJ393	2	R4306	ERJ6GEYJ182	1	C40068	ECUM1H392KBN	1	C40150	ECUM1H102KBN	1
R3330	ERJ6GEYJ183	1	R3520	ERJ6GEYJ562	1		ERJ6GEYJ224	2	C40069	ECQB1H123JF	1	C40151	ECEA1CKA330	1
R3331 R3332	ERJ6GEYJ153	1	R3522,23	ERJ6GEYJ152	2	R4309	ERJ6GEYJ124	1		ECUM1H273KBN	1	C40152	ECEA1CKA101	1
R3332	ERJ6GEYJ474 ERJ6GEYJ102	1	R3524	ERJ6GEYJ820	1	R4310	ERJ6GEYJ753	1		ECEA1HKA010	1	C40153	ECUM1H102KBN	1
R3334	ERJ6GEYJ102 ERJ6GEYJ683	1	R3525 R3526	ERJ6GEYJ560	1	R4311,12	ERJ6GEYJ330	2		ECQB1H333JF	1		ECEA1CKA101	1
R3335	ERJ6GEYJ331	1	R3526	ERJ6GEYJ222 ERJ6GEYJ153	1	R4314,15 R4316	ERJ6GEYOROO	2		ECEA1CU471	1		ECEA1CKA100	1
R3336	ERJ6GEYJ101	1	R3528	ERJ6GEYJ393	1	V4210	ERJ6GEYJ561	1		ECEA1CKA101	1	C40156-58	ECUM1H103KBN	3
R3337	ERJ6GEYJ684	1	R3529	ERJ6GEYJ332	1	1				ECUM1H153KBN	1		ECEA1CKA100	2
R3338	ERJ6GEYJ753	1	R3530	ERJ6GEYJ102	1	1	-			ECEA1HKA010 ECUM1H152KBN	1		ECEA1AKA101	1
R3339	ERJ6GEYJ103	1	R3532,33	ERJ6GEYJ272	2	11				ECSF1EE336	1	C40162,63	ECEA1CKA100	2
R3340	ERJ6GEYJ104	1	R3535	ERJ6GEYJ272	1	11				ECEA10M22	2		ECEA1CSN100 ECUM1H103KBN	2
R3341	ERJ6GEYJ153	1	R3536	ERJ6GEYJ393	1	11	[VEP04420A]	+		ECEA16M10	1		ECEA1CKA100	1
R3342	ERJ6GEYJ682	1	R3537	ERJ6GEYJ104	1	1	AUDIO (1)			ECEA50M1	1		ECEATORATOO ECEATORATOO	1
R3343	VRE0034E473	1	R3538	ERJ6GEYJ101	1][ECUM1H102KBN	-iH		ECEATCSN100	1
R3344	ERJ6GEYJ102	1	R3542	ERJ6GEYJ391	1	C40001	ECEA1CU471	1		ECEA10M33	$\frac{1}{1}$		ECEA1HKA010	1
R3345	ERJ6GEYJ332	1	R3543	ERJ6GEYJ681	1	C40002	ECUM1H153KBN	1		ECQB1H823JF	1		ECEA1CKA470	1
	ERJ6GEYJ152	1	R3544	ERJ6GEYJ101	1	C40003	ECEA1CKA101	1	·	ECEA1EKA4R7	1		ECEA1CKA330	1
R3347	ERJ6GEYJ102	1	R3545	ERJ6GEYJ273	1		ECEA16M10	1		ECUM1H101JCN	1		ECEA1CKA470	1
R3349	ERJ6GEYJ221	1		ERJ6GEY0R00	3	C40006	ECEA1HKN010	1	C40088	ECEA1HKA2R2	1		ECEA1CKA101	1
3350	ERJ6GEYJ152	1	R3552	ERJ6GEYJ472	1	C40007	ECEA1HKA010	1		ECQB1H104JF	1		ECEA1CKA470	1
3352	ERJ6GEY0R00	1	R3558	ERJ6GEYJ473	1	C40008,09	ECEA1CKA100	2	C40090	ECUM1H560JCN	1	C40180-83	ECEA1CKA100	4
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						<u>ا لــــــــــــــــــــــــــــــــــــ</u>			L		لــــــــــــــــــــــــــــــــــــــ	<u> </u>		

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Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
DAGGE 1	MATERIA	 	Q40045	MSB709-R	1	R40055	ERJ6GEYJ332	1	R40136	ERJ6GEYJ104	1		ERJ6GEYJ102	2
D40001~11		11	Q40046	2SB710A-R 2SD602-R	1	R40056 R40057	ERJ6GEYJ181 ERJ6GEYJ102	1	R40137 R40138	ERJ6GEYJ102 ERJ6GEYJ824	1 1	R40237	ERJ6GEYJ103 ERJ6GEYJ104	2
D40012,13	MA153	2	Q40047 Q40048	MSD601-R	1	R40057	ERJ6GEYJ472	1	R40138	ERJ6GEYJ472	1 1		ERJ6GEYJ223	5
D40015	MA151K	1	040049	2SD1862	1	R40059	ERJ6GEYJ333	1	R40140	ERJ6GEYJ182	1	I TOE IE	LKOOGLYGEES	
D40016	MA151WK	1	1	1001001	1	R40060	ERJ6GEYJ103	1	R40141	ERJ6GEYJ102	1	RY40001	VSY2067	1
D40017	MA151K	1	QR40001-3	MRN1403	3	R40061	ERJ6GEYJ223	1	R40142	ERJ6GEYJ184	1			
D40018	MA723	1	QR40004	UN2114	1	R40062	ERJ6GEYJ564	1	R40143	ERJ6GEYJ102	1	TL40001	VLT0146	1
			QR40005	MRN1403	1	R40063	ERDS2TJ330	1	R40144	ERJ6GEYJ274	1	TL40002	VLT0143	1
FL40001,2	VLF0402	2	QR40006	MRN1404	1	R40064	ERJ6GEYJ681	1	R40145	ERJ6GEYJ104	1	TL40003,4		2
1040001	HATOOF		QR40007	MRN1403	1	R40065	ERJ6GEYJ472	1	R40146	ERJ6GEYJ473	1	TL40005	VLT0146	1
IC40001 IC40002	HA12005 NE646N	1 1	QR40008-0	MRN2403 MRN1403	3 1	R40066 R40067	ERJ6GEYJ682 ERJ6GEYJ102	1	R40147 R40148	ERJ6GEYJ332 ERJ6GEYJ181	1	VR40002.3	EVN32CA00B23	2
IC40002	HA12005	1	QR40011	MRN1403	1	R40068	ERJ6GEYJ183	1	R40148	ERJ6GEYJ102	1	VR40004	EVN32CA00B15	1
IC40004	NE646N	1	QR40013	UN2217	1	R40069	ERJ6GEYJ104	1	R40150	ERJ6GEYJ333	1	VR40005	EVN32CA00B53	1
IC40005	UPC4558G2	1	QR40014	UN2215	1	R40070	ERJ6GEYJ823	1	R40151	ERJ6GEYJ472	1	VR40007,8		2
	MN1280R	2	QR40015-7		3	R40071	ERJ6GEYJ273	1	R40152	ERJ6GEYJ103	1	VR40009	EVN32CA00B15	1
IC40008	AN360	1	QR40018	UN2114	1	R40072	ERJ6GEYJ221	1	R40153	ERJ6GEYJ223	1	VR40010	EVN32CA00B53	1
IC40009	MC14053BF	1	QR40019	MRN1403	1	R40073	ERJ6GEYJ222	1	R40154	ERJ6GEYJ564	1	VR40011,2	EVN32CA00B23	2
	MC74HC595F	3	QR40020-2		3	R40074	ERJ6GEYJ223	1	R40155	ERJ6GEYJ221	1			\perp
IC40013-5	TD62503F	3	QR40023	MRN1403	1	R40075	ERJ6GEYJ682	1	R40156	ERJ6GEYJ183	1	 		+
	MC14066BF	1	QR40024	MRN1402	1	R40076	ERDS1VJ100	1	R40157	ERJ6GEYJ222	1 1	ļ		+
	MC14053BF AN6558S	1	QR40025 QR40026	MRN1403 UN2215	1 1	R40077 R40078	ERJ6GEYJ562 ERJ6GEYJ102	1	R40158 R40159	ERJ6GEYJ104 ERJ6GEYJ273	1 1			++
IC40018,9	M51132L	2	QR40026 QR40027	UN2215 UN2217	1	R40078 R40079-81	ERJ6GEYJ102 ERJ6GEYJ472	3	R40159	ERJ6GEYJ823	1		[VEP04421A]	++
IC40020	TC7S32F	1	QR40027	MRN1404	1	R40082	ERJ6GEYJ155	1	R40161-63		3		AUDIO (2)	+
10.0021		+-+	QR40029-2		4	R40083	ERJ6GEYJ392	1	R40164	ERJ6GEYJ155	1.			11
L40001	VLQEL06F102K	1	1	1		R40084	ERJ6GEYJ821	1	R40165	ERJ6GEYJ821	1	C41001	ECEA1CU471	1
L40002	VLQ0123	1	R40001-03	ERJ6GEYJ472	3	R40085	ERJ6GEYJ155	1	R40166	ERJ6GEYJ392	1	C41002	ECUM1H103ZFN	1
L40003	VLQEL06F102K	1	R40004	ERJ6GEYJ272	1	R40086,87	ERJ6GEYJ103	2	R40167	ERJ6GEYJ155	1	C41003,04	ECEA1HPH3R3	2
		2	R40005	ERJ6GEYJ472	1	R40088	ERDS2TJ220	1	R40168	ERDS2TJ330	1.	C41005	ECQ81H682JF	1
L40006	VLQEL06F102K	1	R40006	ERJ6GEYJ103	1	R40089	ERJ6GEYJ333	1	R40169	ERJ6GEYJ681	1	C41006	ECUM1H102JCN	1
L40007	VLQ0123	1	R40007	ERJ6GEYJ472	1	R40090	ERJ6GEYJ123	1	R40170	ERJ6GEYJ472	1	C41007	ECQB1H223JF	1
L40008,09 L40010	VLQEL06F102K VLQ0460	2	R40008 R40009	ERJ6GEYJ223 ERJ6GEYJ123	1	R40091,92		2 2	R40171 R40172	ERJ6GEYJ102 ERJ6GEYJ682	1	C41008 C41009	ECEA1EKA100 ECEA1EPH4R7	1 1
L40010	VLQ0400	1	R40009	ERJ6GEYJ154	+ 1 -	R40095,94	ERJ6GEYJ103	1	R40172	ERJ6GEYJ223	1	C41009	ECCATEFINARY ECCB1H223JF	1
P40001	VJP1231T	1	R40010		2	R40096	ERJ6GEYJ472	1	R40174	ERJ6GEYJ682	1	C41011	ECEA1CKA470	1
P40002	VJP1230R	1	R40013	ERJ6GEYJ273	1	R40097	ERJ6GEYJ272	1	R40175	ERDS1VJ100	1	C41012	ECQB1H103JF	1
P40003	VJP1230T	1	R40014	ERJ6GEYJ822	1	R40098	ERJ6GEYJ472	1	R40176	ERJ6GEYJ562	1	C41013	ECQB1H332JF	1
P40004	VJP3176B064	1	R40015	ERJ6GEYJ104	1	R40099	ERJ6GEYJ123	1	R40177	ERJ6GEYJ102	1	C41014-16	ECUM1H102JCN	3
			R40016	ERJ6GEYJ333	1	R40100	ERJ6GEYJ223	1	R40178-80		3	C41017	ECEA1EPH4R7	1
Q40001	2SD1306	1	R40017	ERJ6GEYJ104	1	R40101	ERJ6GEYJ472	1	R40181	ERJ6GEYJ563	1	C41018	ECUM1H104ZFN	1
L.:		2	R40018	ERJ6GEYJ102	1	R40102	ERJ6GEYJ154	1	R40182	ERJ6GEYJ104	1	C41019	ECUM1H103ZFN	1
Q40004	2SB709A	1	R40019	ERJ6GEYJ824 I ERJ6GEYJ472	2	R40103 R40104	ERJ6GEYJ123 VRE0034E564	1	R40183 R40184	ERJ6GEYJ154 ERJ6GEYJ152	1 1	C41020 C41021,22	ECEA1APZ101 ECUM1H103ZFN	2
Q40005,06 Q40007	MSB709-R	1	R40020,21	ERJ6GEYJ822	1	R40104	ERJ6GEYJ123	1	R40185	ERJ6GEYJ151	1	C41021,2	ECEA1APH101	1
Q40007 Q40008	2SD636	1	R40022	ERJ6GEYJ562	1	R40105	VRE0034E104	1	R40186	ERJ6GEYJ471	1	C41024	ECEAOJKA470	1
Q40009	2SD1862	1	R40024	ERJ6GEYJ182	1	R40107	ERJ6GEYJ473	1		ERJ6GEYJ103	2	C41025	ECQB1H104JF	1
040010	2SB643	1	R40025	ERJ6GEYJ184	1	R40108	ERJ6GEYJ222	1	R40189	ERJ6GEYJ104	1	C41026	ECUM1H103ZFN	1
Q40011	2SD1149-R	1	R40026,27		2	R40109	ERJ6GEYJ221	1	R40190	ERJ6GEYJ103	i	C41027	ECUM1H102JCN	1
Q40012	MSB709-R	1	R40028	ERJ6GEYJ274	1	R40110	ERJ6GEYJ222	1	R40191	ERJ6GEYJ222	1	C41028	ECUM1H331JCN	1
Q40013	2SD1149-R	1	R40029	ERJ6GEYJ104	1	R40111	ERJ6GEYJ221	1	R40192-99		8	C41029	ECQB1H104JF	1
		2	R40030	ERJ6GEYJ123	1	R40112	ERJ6GEYJ473	1	R40200	ERJ6GEYJ102	1	C41030	ECEAOJKS330	1
		2	R40031	VRE0034E564	1	R40113	ERJ6GEYJ561	1 1	R40201	ERJ6GEYJ223	1	C41031	ECQV1H274JZ	1
Q40018 Q40019	2SD1862 MSB709-R	1	R40032 R40033	ERJ6GEYJ123 VRE0034E104	1 1	R40114 R40115	ERJ6GEYJ393 ERJ6GEYJ102	1 1	R40202 R40203	ERJ6GEYJ563 ERJ6GEYJ472	$\frac{1}{1}$	C41032,3	ECEA1APZ101	1
Q40019 Q40020,21		2	R40033	ERJ6GEYJ473	1	R40115	ERJ6GEYJ102 ERJ6GEYJ104	1	R40203	ERJ6GEYJ560	1	1	ECUM1H103ZFN	3
	2SC2405-S	2	R40034	ERJ6GEYJ222	1	R40117	ERJ6GEYJ223	1	R40204	ERJ6GEYJ222	1	C41033=3	ECUM1H1032FN ECUM1H101JCN	1
(40024,25		2	R40035	ERJ6GEYJ221	+ 1	R40118	ERJ6GEYJ473	1	R40206	ERJ6GEYJ561	1	C41039	ECUM1H103ZFN	1
Q40026	2SD1149-R	1	R40037	ERJ6GEYJ222	1	R40119	ERJ6GEYJ104	1		ERJ6GEYJ102	2	C41040	ECUM1H104ZFN	1
Q40027	2SB709A	1	R40038	ERJ6GEYJ221	1	R40120	ERJ6GEYJ562	1	R40209,10		2	C41041	ECEA1EPH4R7	1
Q40028	2SD1149-R	1	R40039	ERJ6GEYJ473	1.	R40121	ERJ6GEYJ103	1	R40211	ERJ6GEYJ103	1	C41042-4		3
Q40029,30		2	R40040	ERJ6GEYJ561	1	R40122	ERJ6GEYJ222	1		ERJ6GEYJ102	4	C41045	ECQB1H332JF	1
Q40031	MSB709-R	1	R40041	ERJ6GEYJ393	1	R40123	ERJ6GEYJ472	1	<u>-</u>	ERJ6GEYJ104	2	C41046	ECQB1H103JF	1
040032	2SD636	1	R40042	ERJ6GEYJ102	1	R40124	ERJ6GEYJ103	1	R40218	ERJ6GEYJ102	1	C41047	ECEA1CKA470	1
Q40033	2SD1149-R	1	R40043,4		2	R40125	ERJ6GEYJ105	1		ERJ6GEYJ103	2	C41048,4 C41050	ECQB1H223JF ECEA1EKA100	2
Q40034	MSB709-R 2SB643	1	R40045	ERJ6GEYJ222 ERJ6GEYJ472	1	R40127 R40128	ERJ6GEYJ472 ERJ6GEYJ562	1	R40221 R40222	ERJ6GEYJ102 ERJ6GEYJ104	1 1	C41050	ECUM1H102JCN	1
Q40035 Q40036	2SB643 2SD1862	1	R40046 R40047	ERJ6GEYJ472	1	R40128	ERJ6GEYJ822	1	R40222	ERJ6GEYJ102	1 1	C41051 C41052	ECOMINIOZOCN ECOBIH682JF	1
Q40036 Q40037	2501862 MSB709-R	1	R40047	ERJ6GEYJ223	$\frac{1}{1}$	R40129	ERJ6GEYJ682	1	R40223		5		ECCB1H082JF	2
Q40037 Q40038,39		2	R40048	ERJ6GEYJ562	1	R40130	ERJ6GEYJ273	1	R40224-2	ERJ6GEYJ151	1		ECEATERNARY	2
040040	2SB710A-R	1	R40050,5		2	R40131	ERJ6GEYJ682	1	R40230	ERJ6GEYJ102	1	C41057	ECEA1CKA470	1
	2SC2405-S	2	R40052	ERJ6GEYJ105	1	R40133	ERJ6GEYJ333	1		ERJ6GEYJ104	2	C41058	ECEA1CPZ220	1
Q40043	2SD1306	1	R40053	ERJ6GEYJ103	1	R40134	ERJ6GEYJ104	1	R40233	ERJ6GEYJ103	1	C41059	ECEA1CKA470	1
Q40044	2SD1149-R	1	R40054	ERJ6GEYJ473	1	R40135	ERJ6GEYJ822	1	R40234	ERJ6GEYJ104	1	C41060	ECEA1AKA101	1
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Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
C41061	ECUM1H103ZFN	1	l			R41022	ERJ6GEYJ102	1	R41119	ERJ6GEYJ103	1	R41206	ERJ6GEYJ183	1
C41062	ECEA1APZ101	1	L41001-03	VLQ0460	3	R41023	VRE0034E223	1	R41120	ERJ6GEY0R00	1	R41207	ERJ6GEYJ152	1
	ECEA1HPZ010	2		VLQEL06F102K	5	R41024	VRE0034E622	i	R41121	ERJ6GEYJ103	1	R41208	ERJ6GEYJ103	1
	ECEA1CKA470	2		VLQEL05K101J	2	R41025	ERJ6GEYG163	1	R41122	ERJ6GEYJ391	1	R41209	ERJ6GEYJ472	1
	ECEA1CSN100	2	L41011	VLQEL05K150J	1	R41026	ERJ6GEYJ105	1	R41123	ERJ6GEYJ472	1	R41210-12	ERJ6GEYJ103	3
C41069,70	ECEA1EKA4R7 ECUM1H103ZFN	2	L41012	VLQEL05K101J	1	R41027	ERJ6GEYJ102	1	R41124	ERJ6GEYJ683	1	R41213	ERJ6GEYJ182	1
	ECEA1CKA470	3	P41001	VJP3078	1	R41028, 29		2	R41125	ERJ6GEYJ472	1	R41214	ERJ6GEYJ822	1
C41075	ECEA1AKS221	1	P41001	VJP3529	1	R41030 R41031	ERJ6GEYJ102 ERJ6GEYJ563	1 1	R41126	ERJ6GEYJ683	1	R41215	ERJ6GEYJ183	1
C41076	ECEA1AKA330	1	P41003	VJP31768064	1	R41031	ERJ6GEYJ182	1	R41127,28	ERJ6GEYJ470 ERJ6GEYJ561	2	R41216,17		2
C41077	ECEAOJKA101	1		10.027.020			ERJ6GEYJ152	2	R41129	ERJ6GEYJ102	1 1	R41218 R41219	ERJ6GEYJ472 ERJ6GEYJ103	$\frac{1}{1}$
C41078	ECUM1H100DCN	1	Q41001	2SB709A-R	1	R41035	ERJ6GEYJ182	1	R41131	ERJ6GEYJ103	Î	R41220	ERJ6GEYJ152	1
C41079	ECEA1CKA100	1	Q41002,03		2	R41036,37	ERJ6GEYJ562	2	R41132,33	ERJ6GEYJ470	2	R41221	ERJ6GEYG222	1
C41080	ECEA1AKA470	1	Q41004	2SD636-R	1	R41038	ERJ6GEYJ181	1	R41134	ERJ6GEYJ561	1	R41222	ERJ6GEYG152	1
	ECUM1H102KBN ECEA1CU221	1	Q41005	XN1501	1	R41039	ERJ6GEYG103	1	R41135	ERJ6GEYJ102	1	R41223	ERJ6GEYG222	1
C41083	ECEAICSN100	1	Q41006,07 Q41008	MSD601-R 2SD1306	2	R41040	ERJ6GEYG303	1	R41136	ERJ6GEYJ103	1	R41224	ERJ6GEYG152	1
C41084	ECEA1CKA470	1	Q41008 Q41009	2SD638	1	R41041 R41042	ERJ6GEYG104	1 1	R41137	ERJ6GEYK1R0	1	R41226	ERJ6GEYJ682	1
	ECQB1H222JF	1	Q41003 Q41010	2SB643	1	R41042	ERJ6GEYG562 ERJ6GEYG183	1 1	R41138 R41139	ERJ6GEYJ223 ERJ6GEYJ333	1 -	R41227-29		3
		2	Q41011	2SD1306	1	R41044	VRE0034E103	1	R41140	ERJ6GEYJ103	1 1	R41230 R41231	ERJ6GEYJ681 ERJ6GEYJ273	1 1
C41088	ECEA1CKA470	1	Q41012-14	MSD601-R	3	R41045	VRE0034E112	1	R41141	ERJ6GEYJ272	1	R41232	ERJ6GEYJ104	1
	ECEA1CKA100	1	Q41015	2SD1328-R	1	R41046	ERJ6GEYG681	1	R41142	ERJ6GEYJ123	1	R41233,34		2
	ECEA1CKA470	1	Q41016	2SD602A	1	R41047,48	ERJ6GEYG821	2	R41143	ERJ6GEYJ223	1	R41235	ERJ6GEYJ563	1
	ECUM1H101JCN	1	041017,18		2	R41049	ERJ6GEYJ104	1	R41144	ERJ6GEYJ153	1	·	ERJ6GEYJ103	2
C41092 C41093	ECEA1CKA100	1	Q41019,20		2	R41050	ERJ6GEYJ182	1	R41145	ERJ6GEYJ102	1			
	ECEA1CKA100 ECEA1CKA470	3	Q41021 Q41022-24	MSD601-R 2SD602A-R	3	R41051	ERJ6GEYJ821	1	R41146	ERJ6GEYJ392	1	SW41001	ESD145131	1
	ECUM1H103ZFN	2	041022-24	2SB644	1	R41052 R41053	ERJ6GEYJ330 ERJ6GEYJ102	1	R41147	ERJ6GEYJ391	1			
	ECUM1H102JCN	1	041026	2SD639	1!		ERJ6GEYJ223	2	R41148 R41149	ERJ6GEYJ562 ERJ6GEYJ103	1	VR41001	EVN32CA00B24	1
	ECUM1H12OJCN	1	Q41027	MSC2295-B	1	R41056	ERJ6GEYJ682	1	R41149	ERJ6GEYJ222	1	VR41002 VR41003	EVMF6SA00B14	1
C41101	ECUM1H103ZFN	1	Q41028	MSD601-R	1	R41057	ERJ6GEYJ332	1	R41151	ERJ6GEYJ331	1	VR41003	EVN32CA00B23 EVN32CA00B15	1 1
		2	Q41029,30	2SD602A-R	2	R41058	ERJ6GEYJ222	1	R41152	ERJ6GEYJ3R3	1	VR41005	EVN32CA00B24	1
	ECUM1H101JCN	1	Q41031	2SB644	1	R41059	ERJ6GEYJ822	1	R41153	ERJ6GEYJ122	1	VR41006	EVMF6SA00B14	1
	ECUM1H103ZFN	3	Q41032	2SD639	1 !	R41062	ERJ6GEYJ392	1	R41154	ERJ6GEYJ3R3	1	VR41007	EVN32CA00B14	1
	ECEA1CKA470 ECUM1H103ZFN	2	Q41033	MSC2295-B	1	R41063	ERJ6GEYJ332	1	R41155	ERJ6GEYJ472	1	VR41008,9	EVN32CA00B23	2
	ECUM1H331JCN	2	Q41034 Q41035	2SD602A-R 2SB793	1	R41064	ERJ6GEYJ392	1	R41156	ERJ6GEYJ103	1	VR41012-4	EVN32CA00B53	3
	ECUM1H101JCN	1	Q41035 Q41036	2SB710	1		ERJ6GEYJ332 ERJ6GEYJ103	6	R41157	ERJ6GEYJ122	1	VR41015,6	EVN32CA00B23	2
	ECEA1CKA101	1	Q41037	2SD1306	1		ERJ6GEYJ561	2	R41158	ERJ6GEYJ222 ERJ6GEYJ153	2			+
C41117	ECEA1CKA470	1	Q41038,39		2	R41074	ERJ6GEYJ103	1	R41151,00	ERJ6GEYJ222	1			+
	ECEA1CKA101	1	Q41040	2SD1306	1	R41075,76	ERJ6GEYJ331	2		ERJ6GEYJ270	2			+
	ECEA1CU471	1		2SD1328-R	2	R41077	ERJ6GEYJ102	1	R41164	ERJ6GEYJ152	1 1	-		-
	ECEA1CKA470	1	Q41043	2SD1306	1		ERJ6GEYJ103	1	R41165	ERJ6GEYJ392	1		[VEP05162H]	1-1-
	ECEA1EPH4R7	1		2SD1328-R	2		ERJ6GEYJ562	1	R41167	ERJ6GEYJ391	1		HEAD AMP	
	ECEA1CKA470 ECEA1CKA220	1	Q41046	2SD1306	1		ERJ6GEYJ103	1	R41168	ERJ6GEYJ562	1			
	ECEATCRAZZO ECEATCRAZZO	1	Q41047,48 Q41049	2SD1328-R 2SD601	2		ERJ6GEYJ105	1	R41169	ERJ6GEYJ222	1	C5001	ECUM1H102KBN	1
	ECUM1H103ZFN	$\frac{1}{1}$		2SD973	1		ERJ6GEYJ102 ERJ6GEYJ103	2	R41170 R41171	ERJ6GEYJ331 ERJ6GEYJ3R3	1		ECUM1H103ZFN	2
		\dashv	Q41051,52		2		ERJ6GEYJ222	1		ERJ6GEYJ122	1		ECEA1HKAOR1	1
D41001-04	0A90	4		2SB709A-R	1		ERJ6GEYJ104	1		ERJ6GEYJ222	1	-	ECUM1H102KBN ECUM1H103ZFN	3
D41005,06		2					ERJ6GEYJ102	îH		ERJ6GEYJ153	2	C5000-08	ECUM1H182JN	1
D41007,08		2	QR41002,3		2	R41088	ERJ6GEYJ182	1	R41176	ERJ6GEYJ3R3	1		ECUM1E104ZFN	1
	MA151K	1	QR41004,5		2		ERJ6GEYJ272	1		ERJ6GEYJ122	1	C5011	ECEA1CKA220	1
D41010,11 D41012,13		2	QR41006,7		2		ERJ6GEYJ103	1	R41178	ERJ6GEYJ222	1	C5012	ECUM1H473ZFN	1
	MA3068	2		MRN1403 MRN2404	1		ERJ6GEYJ102	3		ERJ6GEYJ270	2	C5013	ECUM1H102KBN	1
D41015,16		2	QR41009		2		ERJ6GEYJ473 ERJ6GEYJ203	1	R41181	ERJ6GEYJ472	1		ECEAOJKA470	1
	MA153	1		MRN1402	1		ERJ6GEYJ203 ERJ6GEYJ103	1	R41182 R41183	ERJ6GEYJ103 ERJ6GEYJ151	1		ECUM1E104ZFN	1
			, 				ERJ6GEYJ680	1		ERJ6GEYJ103	1		ECEA1EKA4R7 ECUM1H080DCN	1
FL41001	VLF0696	1	R41001,02	ERJ6GEYJ562	2		ERJ6GEYJ104	1		ERJ6GEYJ182	1		ECUM1HU8UUCN ECUM1E224ZFN	2
				ERJ6GEYJ102	2		ERJ6GEYJ102	1		ERJ6GEYJ822	1		ECEA1EKA4R7	1
	BA7705K1	1		ERJ6GEYJ473	2	R41100	VRE0034E302	1	R41187	ERJ6GEYJ151	1		ECUM1H080DCN	1
	AN78N05	1		ERJ6GEYJ225	1		ERJ6GEYJ562	1	R41188	ERJ6GEYJ183	1		ECEA1EKA4R7	1
	AN3912	1		ERJ6GEYJ331	2	-	ERJ6GEYJ103	1	R41189	ERJ6GEYJ472	1	C5023	ECUM1H020DCN	1
	UPC4558G2 UPC393G2	1	_	ERJ6GEYG821	2		ERJ6GEYJ473	1		ERJ6GEYJ103	1		ECUM1E104ZFN	2
	MC14053BF	1		ERJ6GEYG681 VRE0034E112	1		ERJ6GEYJ102	1		ERJ6GEYJ152	1		ECUM1H020DCN	1
	UPC4558G2	1		VRE0034E112 VRE0034E103	$\frac{1}{1}$		ERJ6GEYJ103 ERJ6GEYJ104	2		ERJ6GEYJ103	3		ECEA1EKA4R7	1
	NJM2068MD	1		ERJ6GEYG183	1		ERJ6GEYJ104 ERJ6GEYJ103	3		ERJ6GEYJ182	1		ECUM1E104ZFN	
	UPC4558G2	$\frac{1}{1}$		ERJ6GEYG562	1		ERJ6GEYJ103 ERJ6GEYJ222	$\frac{3}{1}$		ERJ6GEYJ822	1		ECUM1H102KBN	1
IC41010-12		3		ERJ6GEYG104	1		ERJ6GEYJ222 ERJ6GEYJ334	1		ERJ6GEYJ183 ERJ6GEYJ472	1		ECUM1H103ZFN	1
	UPC4558G2	1		ERJ6GEYG303	1		ERJ6GEYJ103	1		ERJ6GEYJ152	1		ECUM1H104ZFN ECUM1E104ZFN	1
	MC14053BF	1		ERJ6GEYJ123	1		ERJ6GEYJ221	1		ERJ6GEYJ103	4		ECUM1E104ZFN ECUM1H102KBN	2
	UPC4556G2	1	R41020	ERJ6GEYJ102	1		ERJ6GEYJ223	1		ERJ6GEYJ182	1		ECEAOJKA470	1
IC41016, 17/	AN6558S	2	R41021	VRE0034E393	1		ERJ6GEYJ102	1		ERJ6GEYJ822	1		ECUM1H103ZFN	1
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No. 03KBN 03ZFN 0010 71JCN 0010 71JCN 071JCN 071JCN 072ZFN 03ZFN 03ZFN 03ZFN 03ZFN 03ZFN 03ZFN 03JFN	Pcs 2 2 1 1 1 1 1 1 1 1	C62011 C62012 C62013 C62014 C62015, 16 D62002 D62013-16 D62018-22 D62023-28 D62023-38 D62036 D62047 D62048-50 D62011 C62001 IC62001 IC62002 IC62003 J62005 J62007	ECUM1H102KBN ECEA1CKS330 ECUM1H101JCN ECEA1CKS330 ECUM1H101JCN ECEA1AKS221 ECUM1H20JCN ECUM1H220JCN MA4056-M MA151K MA151K MA153 MA152K MA151K MA701A MA152K MA151K	Pcs 1 1 1 2 1 3 1 1 1 1 2 1 1 1 1 1 1 1 1		R62094 R62095,96 R62097-01 R62102,03 R62104 R62105-07 R62108 R62109 R62110-12 R62701-03 R62704 R62705-07 R62708 R62709	Part No. ERJ6GEYJ102 ERJ6GEYJ563 ERJ6GEYJ681 ERJ6GEYJ681 ERJ6GEYJ683 ERJ6GEYJ563 ERJ6GEYJ563 ERJ6GEYJ563 ERJ6GEYJ103 ERJ6GEYJ103 ERJ14YJ470 ERJ14YJ470 ERJ14YJ473 ERJ6GEYJ103 ERJ5EZTJ560 ERDSZTJ560 ERDSZTJ560 EVQQJ104K VSS0225 VSS0324 VSS0225 VSS0324 VSS0225 VSS0324 VSS0225 VSP0791 VSP0790 VSP0791 VSP0791 VSP0792 VSP0793 VSP0795 VSP0789 VSP0789	Pcs	Ref.No. C1533 C1534 C2001 C2002 C2003 C2004 C2005 C2006 C2007 C2008 C2009 C2010 C2011 C2012 C2013-15 C2016,17 C2018 C2020 C2021 C2022 C2023 C2024 C2025 C2024 C2025 C2026 C2027 C2028 C2029,30 C2031 C2032 C2033 C2031 C2032 C2033 C2034 C2035 C2041 C2044,45	Part No. ECUM1H103ZFN ECEA1EGE221 ECEA0JU470 ECUM1H150JCN ECUM1H150JCN ECUM1H101JCN ECUM1H101JCN ECUM1H101JCN ECUM1H101JCN ECUM1H103ZFN ECEA1AU330 ECQB1H683JF ECEA0JU470 ECEA1AU220 ECEA1CU470 ECEA1CU470 ECUM1H103ZFN ECEA0JU470 ECUM1H103ZFN ECQB1H152JF ECUM1H103ZFN ECQB1H152JF ECUM1H103ZFN ECQB1H152JF ECUM1H103ZFN ECQB1H152JF ECUM1H103ZFN ECQW1H140JZFN ECQW1H140JZFN ECQW1H140JZFN ECQW1H103ZFN ECQW1H103ZFN ECQW1H103ZFN ECQW1H103ZFN ECUM1H103ZFN ECUM1H103ZFN ECUM1H103ZFN ECEA1U010 ECEA0JU470 ECUM1H103ZFN ECUM1H103ZFN ECEA1U010 ECEA0JU470 ECUM1H103ZFN ECUM1H103ZFN ECUM1H103ZFN ECEA1U010 ECEA0JU470 ECUM1H103ZFN ECUM1H120JCN ECUM1H120JCN ECUM1H120JCN ECUM1H120JCN ECUM1H120JCN ECUM1H121JCN ECUM1H121JCN ECUM1H271JCN	Pcs 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ref.No. C2340-44 C2350 C2351 C2352,53 C2354 C2355 C2401,02 C2403 C2404,05 C2406-09 C2410 C2501 C2502 C2503 C2504 C2510 C2512-14 C2516-19 C2702 C2703 C2704 C2705 C2709 C2711 C2712 C2714 C2716,17 C2718 C2722 C2723 C2724	ECUMIH103ZFN ECEA1CU470 ECUMIH103ZFN ECEA1CU470 ECUMIH103ZFN ECEA1CU470 ECUMIH103ZFN ECEA1HU010 ECUMIH103ZFN ECEA1CU470 ECUMIH103ZFN ECEA1CU470 ECUMIH103ZFN ECEA0JU470 ECUMIH103ZFN ECEA0JU470 ECUMIH103ZFN ECEA1CU170 ECUMIH103ZFN ECEA1CU170 ECUMIH103ZFN ECEA1CU170 ECUMIH103ZFN ECEA1CU101 ECUMIH103ZFN ECEA1CU101 ECUMIH103ZFN ECEA1CU101 ECUMIH1010ZFN ECEA1CU101 ECUMIH1010TECUMIH271JCN ECEA1HU010 ECUMIH103ZFN ECEA1EU121 ECQVIH474JZ ECCUMIH102JN ECEA1EU21	Pcs 5 1 1 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1
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J471	1 1	LD62010,1	III N31CCDUI CA			1	•	1	C2047	ECUM1E104ZFN	1		C2727-30	ECQV1H104JZ	4
	1	LD62010,1	1111 M31CCDDICA		Ш				C2050	ECUM1H103ZFN	1	_	C2731-33	ECEA1HN4R7S	3
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J182	4	P62001-04	4 V.1P3503	4	H			+	C2202,03 C2204,05	ECUMIHIOSZEN ECUMIHIOSZEN	2 2		C2736	ECQB1H683JF	1
J100	4	P62005	VJP1236T	1	H			++	C2206	ECEAOJU470	† i †	┪	C2737	ECUM1H103ZFN	1
J391	1	P62006	VJS2949B010	1	\Box			1	C2207,08	ECUM1H103ZFN	2		C2738	ECEA1CU470	1
J332	2	P62007	VJP3076	1					C2209,10	ECUM1H220JCN	2		C2739	ECEA0JU470	1
J152	1	P62008	VJP1394	1	\vdash		[VEP06904A]	- -	C2214	ECUM1H101JCN	1	4	C2740	ECEA1EU470	1 1
0R00 J333	1	P62009 P62501	VJS2889A018 VJS2949B010	1	\vdash		SERVO&SYSCON		C2215 C2216	ECUM1H103ZFN ECEA0JU470	1	\dashv	C2741 C2742	ECUM1H333KBN ECQB1H104JF	1 1
G243	1	P62701	VJS2949B010	1	\vdash	C1501	EGEA1VGE220	1	C2217.18	ECUM1H103ZFN	2	┪	C2744-46	ECEA1HU2R2	3
G273	1	1100.00	10020100010	+-		C1502	ECQV1H104JZ	1	C2219	ECEA0JU470	1	_		ECUM1H333KBN	4
J391	1	Q62002-0	5 MSD601-R	4		C1503	ECEA1DPS681	1		ECUM1H103ZFN	2			ECUM1H103ZFN	3
J103	1	Q62006-09	9 MSB710-R	4	Ц	C1504	ECQV1H104JZ	1	C2222	ECEA0JU470	1	_	C2754	ECEA0JU470	1
J473	1 1	0000001	MONTAGA	1	Н	C1505	ECEA1AGE221	1	C2223,24		2	4	C2755-57 C2758	ECUM1H102JN	3
J273 J153	1	QR62001	MRN1404	11	+	C1506 C1507	ECEA1CU101 ECUM1H103ZFN	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$	C2225 C2226	ECEAOJU470 ECUM1H103ZFN	1	\dashv	C2758	ECEA1HNR47S ECUM1H221JCN	1
J332	1	R62001	ERJ6GEYJ103	1	H	C1508	ECQV1H104JZ	1	C2227	ECEA0JU470	1		C2760	ECEA1HN2R2S	1
J152	2	R62003	ERJ6GEYJ104	1		C1509,10	ECEA1CU101	2	C2228-30		3		C2761	ECUM1H101JCN	1
J332	1	R62004-1		8	Ц	C1511	ECEA1HU4R7	1	C2231	ECEA0JU470	1	4	C2762	ECEA1HU2R2	1
221 J180	1		9 ERJ6GEYJ103	<u>8</u>	\dashv	C1512	ECEA1CU101	1	C2232-34 C2235	ECUM1H103ZFN ECUM1H820JCN	3	ᅴ	C2763 C2764	ECEA0JU470 ECEA0JU220	1
J180 J100	2	R62020-24	4 ERJ6GEYJ223 ERJ6GEYJ471	1	Н	C1513 C1514	ECQB1H103JF ECQB1H473JF	1 1	C2235	ECOM1H82OJCN ECOB1H333JF	1	\dashv	C2764 C2765	ECUM1H221JCN	1
J103	2		6 ERJ6GEYJ103	11	H	C1515	ECUM1H223KBN	1	C2237,38		2	\dashv	C2766	ECEA1HN2R2S	1
0R00	2		0 ERJ6GEYJ223	4		C1517	ECEA1AU221	1	C2239-41	ECUM1H103ZFN	3		C2767	ECUM1H101JCN	1
0R00	1	R62041	ERJ6GEYJ392	1		C1518	ECEA1VU100	1	C2243	ECUM1H103ZFN	1		C2768	ECEA1HU2R2	1
J473	1			11	\sqcup	C1519	ECEA1EGE470	1		ECEA1CU100	1	\dashv	C2769,70		2
0R00			···		\dashv					-	-	\dashv			2
221	+ + +				Н							\dashv			1
00823	2	R62080	ERJ6GEYJ104	1	H	C1523	ECEA1EGE470	1	C2321	ECUM1H103ZFN	1	\dashv	C60001	ECUM1H103ZFN	1
		R62081	ERJ6GEYJ332	1	\Box	C1524	ECEA1EGE221	1	C2322	ECEA1HN4R7S	1				2
		R62082	ERJ6GEYJ104	1	П	C1525	ECEA1AGE101	1	C2323	ECUM1H561JCN	1	\Box	C60005	ECEA0JU332	1
		R62083	ERJ6GEYJ332	1	Ш	C1526	ECEA1AGE471	1			2	_	C60006	ECUM1H103ZFN	1
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 02B]					+		ECEA1AGE221	1		ECUM1H331JCN	1	\dashv	C60010	ECQB1H472JF	1
02B]	0	R62087	ERJ6GEYJ472	1	1	1101075						\neg			1 4 1
0 0 0 2	R00 R00 473 R00 21	R00 2 R00 1 473 1 R00 1 21 1	R00 2 R62037-4 R00 1 R62041 R473 1 R62042-5 R00 1 R62059 21 1 R62070,7 R62076-7 R62080 R62081 R62081 R62082 R62084 R62084 R62085 R62085 R62086 R62086 R62086 R62087 R62086	R62037-40	R62037-40	R62037-40	R00 2 R62037-40 ERJ6GEYJ223 4 C1517 R00 1 R62041 ERJ6GEYJ392 1 C1518 473 1 R62042-52 ERJ6GEYJ473 11 C1519 R00 1 R62059 ERJ6GEYJ102 1 C1520 21 1 R62070, 71 ERJ14YJ330 2 C1521 R62076-79 ERJ6GEYJ332 4 C1522 OB23 2 R62080 ERJ6GEYJ104 1 C1523 R62081 ERJ6GEYJ104 1 C1524 C1524 R62082 ERJ6GEYJ104 1 C1525 C1526 R62083 ERJ6GEYJ104 1 C1525 C1526 R62084 ERJ6GEYJ104 1 C1527 C1527 R62085 ERJ6GEYJ104 1 C1529 2B] R62086 ERJ6GEYJ104 1 C1530 R62087 ERJ6GEYJ102 1 C1531	R62037-40 R62037-40 R626EYJ223 4 C1517 ECEA1AU221	R62037-40 R62037-40 R626EYJ223 4 C1517 ECEA1AU221 1	R62037-40 R76EYJ223 4 C1517 ECEA1AU221 1 C2239-41	R62037-40 R62037-40 R620YJ223 4 C1517 ECEA1AU221 1 C2239-41 ECUMIH103ZFN	R62037-40 R766EYJ223 4 C1517 ECEA1AU221 1 C2239-41 ECUM1H103ZFN 3 R62041 ERJ6GEYJ392 1 C1518 ECEA1VU100 1 C2243 ECUM1H103ZFN 1 C1519 ECEA1EGE470 1 C2244 ECEA1CU100 1 C2245-47 ECUM1H103ZFN 3 C243 ECUM1H103ZFN 1 C1519 ECEA1EGE470 1 C2244 ECEA1CU100 1 C2245-47 ECUM1H103ZFN 3 C2330 ECUM1H103ZFN 3 C2330 ECUM1H103ZFN 3 C2330 ECUM1H103ZFN 3 C2330 ECUM1H22KBN 1 C3320 ECUM1H23FN 1 C3320 ECUM1H3561JCN 1 ECAALGE471 ECEALGE471 ECEALGE471 ECAALGE471 ECAALGE471	R62037-40	R600 2	R62037-40 R62037-40 R62041 R62059 R6206EYJ102 1 C1520 ECEA1EGE211 C2244 ECEA1CU100 1 C2769,70 ECUMIH102JN R62070,71 ERJ147J330 2 C1521 ECEA1EGE211 C2245-47 ECUMIH103ZFN 3 C2793 ECEA1HU4R7 R62076-79 ERJ6EYJ332 4 C1522 ECEA1EGE470 1 C2318,19 ECEA0JU470 2 C2804,05 ECEA1EU472 R62076-79 ERJ6EYJ332 4 C1522 ECEA1EGE470 1 C2320 ECUMIH22ZKBN 1 C2806 ECEA1HU4R7 R62081 ERJ6EYJ332 1 C1524 ECEA1EGE470 1 C2321 ECUMIH103ZFN 1 C60001 ECUMIH103ZFN R62082 ERJ6EYJ104 1 C1525 ECEA1AGE101 1 C2322 ECEAHN4R7S 1 C60002,03 ECEA1CU102 R62083 ERJ6EYJ332 1 C1526 ECEA1AGE101 1 C2327 ECEANIH561JCN 1 C60005 ECEANJU322 R62084 ERJ6EYJ332 1 C1526 ECEA1AGE471 1 C2327 ECEANJU470 2 C60006 ECUMIH103ZFN R62085 ERJ6EYJ332 1 C1526 ECEA1AGE471 1 C2321 ECMJH103JZ 1 C60007 ECEANJU322 R62084 ERJ6EYJ332 1 C1526 ECEA1AGE471 1 C2330 ECQP1H103JZ 1 C60006 ECUMIH103ZFN R62085 ERJ6EYJ332 1 C1529 ECEA1EGE21 1 C2330 ECQP1H103JZ 1 C60006 ECUMIH103ZFN R62086 ERJ6EYJ104 1 C1527 ECEA1EGE471 1 C2331 ECQB1H104JF 1 C60008 ECEANJU470 ECEA

Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
C60012	ECQB1H103JF	1	D60002	MA170	1	J2203	ERJ6GEY0R00	1	QR2005	MRN1404	1	R2046	ERJ6GEYJ104	1
C60013	ECEA1CU100	1	D60003-06	11EQS04	4	J2206	ERJ6GEY0R00	1	QR2304,05		2	R2047	ERJ6GEYJ332	1
C60016	ECUM1H221JCN	1	D60008	MA3043-M	1	J2401	ERJ6GEY0R00	1	QR2306	MRN1404	1	R2048	ERJ6GEYJ471	1
C60017	ECUM1H103ZFN	1	D60501,02	MA151K	2	J60001	ERJ6GEY0R00	1	QR2308	MRN1404	1	R2049	ERJ6GEYJ103	1
C60018,19	ECUM1H330JCN	2	D60503	10E1	1				QR2309	MRN2404	1	R2051	ERJ6GEYJ101	1
C60020	ECEA1HU010	1	D60504	MA151K	1	K1501	ERJ6GEY0R00	1	QR2310	MRN1403	1	R2054-56	ERJ6GEYJ101	3
C60021	ECEA1HU4R7	1	D60505	MA170	1	K1502	ERDS2T0	1	QR2311,12	MRN1404	2	R2059.60	ERJ6GEYJ101	2
C60022	ECEA1AU220	1	D60506	MA151K	1	K60002	ERJ6GEY0R00	1	QR2313	MRN2404	1	R2062,63	ERJ6GEYJ101	2
C60023	ECUM1E104ZFN	1							QR2314	MRN1404	1	R2064,65	ERJ6GEYJ103	2
C60024	ECEA0JU682	1	FA2202	VLF1036D101	1	L1501	VLQEL06F101K	1	QR2401	MRN1404	1	R2201	ERJ6GEYJ105	1
C60026	ECUM1E104ZFN	1				L1502,03	VLP0074	2	QR2402	MRN2404	1	R2202	ERJ6GEYJ101	1
C60027	ECUM1H103ZFN	1	FL2201-06		6	L2001,02	VLQEL05S470J	2	QR2501-05	MRN1404	5	R2203	ERJ6GEYJ331	1
C60101	ECUM1H103ZFN	1	FL60001	VLF0630	1	L2004-06	VLQEL05S470J	3	QR2701	MRN1404	1	R2205,06	ERJ6GEYJ473	2
C60102	ECEA1CU470	1				L2007	VLP0054	1	QR2702	MRN2404	1	R2207	ERJ6GEYJ103	1
C60103-06		4	IC1501	LM393PS	1	L2008	VLQEL05S470J	1	QR2703	MRN1404	1	R2208	ERJ6GEYG104	1
C60107	ECUM1H151JCN	1	IC1502	AN7912F	1	L2201,02	VLQEL05S2R2K	2	QR2704	MRN1403	1	R2211	ERJ6GEYG473	1
C60108	ECEA1CU221	1	IC1503	AN7905F	1	L2203-05	VLP0054	3	QR60001	MRN2402	1	R2212	ERJ6GEYJ103	1
C60109	ECUM1H103ZFN	1	IC1505,06		2	L2206,07	VLQEL05S2R2K	2	QR60002	MRN1403	1	R2213-18	ERJ6GEYJ101	6
C60110,11		2	IC2001	MN6742VCRS	1	L2208	VLQEL05S470J	1	QR60003	MRN2402	1	R2220-23	ERJ6GEYJ101	4
C60112	ECEA1CU470	1	IC2002	MN1382-R	1	L2301-04	VLQEL05S470J	4	QR60004	MRN1404	1	R2240	ERJ6GEYG473	1
C60501	ECEA1EU4R7	1	IC2003	BA226F	1	L2401	VLQEL05S470J	1	QR60006-8	MRN1404	3	R2241	ERJ6GEYG104	1
C60502	ECQB1H104JF	1	IC2004	MC14052BF	1	L2502	VLQEL05S470J	1	QR60010	MRN1404	1	R2242	ERJ6GEYJ101	1
C60503	ECEA1HN010S	1	IC2005	MC14013BF	1	L2701	VLQ0128	1	QR60012	UN2219	1	R2243,44	ERJ6GEY0R00	2
C60504	ECUM1H103ZFN	1	IC2006	TC4S30F	1	L2702-04	VLQ0129	3	QR60501	MRN1402	1	R2331	ERJ6GEYJ222	1
C60505	ECEA1EN101S	1	IC2007,08		2	L2705-07	VLQEL05S470J	3	QR60502	UN211F	1	R2332	ERJ6GEYJ683	1
C60506	ECEA1CU101	1	IC2009	TC4W53F	1	L2711	VLQEL05S470J	1	QR60503	MRN1404	1	R2333	ERJ6GEYJ101	1
C60507	ECEA0JU470	1	IC2010	LM339NS	1	L60001	VLQEL05S471K	1			<u> </u>	R2334	ERJ6GEYJ104	1
C60508,09	ECUM1H101JCN	2	IC2012	MC74HCU04F	1	L60002	VLQEL05S470J	1	R1501	ERDS2TJ181	1	R2335	ERJ6GEYJ333	1
54 755 54			IC2013	LM358PS-R	1	L60501	VLQEL05S150K	1	R1502	ERJ6GEYJ102	1	R2336	ERJ6GEYJ822	1
D1502-04	MA151K	3	IC2014	TC7S32F	1				R1504	ERDS2TJ181	1	R2337	ERJ6GEYG242	1
D1505	MA701A	1	IC2201	MN19041VSWA	1	P1501	VJP1146	1	R1505	VRE0034E103	1	R2338	ERJ6GEYJ822	1
D1507	MA151K	1	IC2202	L7A0269	1	P1502	VJP3076	1	R1506	VRE0034E473	1	R2339	ERJ6GEYJ104	1
D1508	MA3020	1	IC2203	PCM55HP	1	P1503	VJP1147	1	R1507	VRE0034E222	1	R2340,41	ERJ6GEYJ392	2
D1509	8P2M	1	IC2206	MC14050BF	1	P2201-03	VJS3202B020Z	3	R1509	ERJ6GEYJ102	1	R2342	ERJ6GEYJ681	1
D1510	MA165VT	1	IC2207	LM358PS-R	1	P2301	VJP1230T	1	R1510	ERJ6GEYJ331	1	R2343	ERJ6GEYJ473	1
D1511	MA151K	1	IC2302	NJM4556MB	1	P2701	VJP3078	1	R1511	ERJ6GEYJ224	1	R2344	ERJ6GEYJ563	1
D1512	VSD0002	1	IC2303	LM358PS-R	1	P2702	VJP3083	1	R1512-14	ERJ6GEYJ103	3	R2345	ERJ6GEYJ153	1
D1513	AK04	1	IC2304	LM393PS	1	P2703	VJS2149W	1	R1515	ERDS2TJ222	1	R2346	ERJ6GEYJ563	1
D1514	MA1270-M		IC2305	MC14053BF	1	P60001	VJP1230T	1	R1516-18	ERJ6GEYJ103	3	R2347	ERJ6GEYJ124	1
D1515	MA185	1	IC2310	BA6302AF	1	P60003	VJS3135	1	R1519	ERDS2TJ333	1	R2352	ERJ6GEYJ752	1
D1516 D1517	MA4075M	1	IC2311	MC14053BF	1	P60501	VJS2149W	1	R1520	ERJ6GEYJ332	1	R2353,54	ERJ6GEYJ103	2
D1517	MA4130M	1	IC2312	MC14013BF	1	P60502	VJP1230T	1	R1521	ERDS2TJ221	1	R2355	ERJ6GEYJ752	1
D1519,20	MA4120-M MA151K	2	IC2401	MC14013BF TC4W53F	1	P60503	VJS3134	1	R1522	ERDS2TJ181	1	R2356	ERJ6GEYJ104	1
D1521,22	MA3160-L	2	IC2402 IC2403.04		1	01.501	0001474		R1525	ERDS2TJ222	1	R2357,58	ERJ6GEYJ272	2
D1523	11EQS04	1	IC2405,04	TC7S02F TC7S08F	2	Q1501	2SD1474	1	R1526,27	ERJ6GEYJ331	2	R2359	ERJ6GEYJ104	1
D1524	MA4047-M	1		M50927-531SP	1	Q1502	2SD973A-R	1	R1528,29	ERDS2TJ181	2	R2360,61	ERJ6GEYJ222	2
	MA723VT	2	IC2501.02		2	Q1503 Q1504	2SD1474 2SD1273	1	R1531 R1532	ERJ6GEYJ102	1	R2362	ERJ6GEYJ472	1
D1528	MA4056M	1		LM393PS	1	Q1505	2SD973A			VRE0034E562	1		ERJ6GEYJ153	1
	MA165VT	1	—	MC14053BF	1	Q2001	MSC2295-B	1	R1533 R1534	VRE0034E392	1	R2364	ERJ6GEYG913	1
	MA4075M	1		MC14053BF	1	02302-05	MSD601-R	4	R1534	VRE0034E222	$\frac{1}{1}$	R2370,71	ERJ6GEYJ103	2
	MA151K	1		MC14052BF	1	Q2703	MSB709-R	1	R1536	ERJ6GEYJ123 ERJ6GEYJ103	1	R2372	ERJ6GEYJ153	1
	MA151WA	1		BA6149LS	1	Q2704	2SB1151	1	R2001	ERJ6GEYJ471	1	R2373 R2374	ERDS2TJ122	1
D2003	MA151K	1		AN3815K	1	Q2705-07	2SD601A-R	3	R2001	ERJ6GEYJ103	1	R2374 R2375	ERJ6GEYJ472 ERJ6GEYJ562	1
	MA151WA	1		XRA6435S	1	Q2709-11	2SB772	3		ERJ6GEYJ333	2	R2376	ERJ6GEYJ561	1
	MA151K	2		LM393PS	1		MSB709-R	4	R2005-07	ERJ6GEYJ102	3	R2377	ERJ6GEYJ473	1
	MA151K	1		LM358PS-R	1	Q60001	2SD638	1	R2008	ERJ6GEYJ222	1	R2378	ERJ6GEYJ154	1
	MA151WK	1		LM393PS	1	Q60002	MSB709-R	1		ERJ6GEYJ223	2	R2379	ERJ6GEYJ104	1
D2310	MA153	1		LM358PS-R	1	Q60003	2SB819	1	R2013	ERJ6GEYJ332	1	R2380	ERJ6GEYJ101	1
D2401	MA151K	1		LM393PS	1	Q60004	MSD601-R	1		ERJ6GEYJ103	2		ERDS2TJ122	1
	MA151K	2		UPC4556G2	2	Q60005	2SB819	1	R2019	ERJ6GEYJ124	1	R2401	ERJ6GEYJ332	1
	MA4180-L	1		AN78N12	1	Q60006	MSD601-R	$\frac{1}{1}$	R2020	ERJ6GEYJ103	1		ERJ6GEYJ104	2
D2703	MA4160-L	1		TD62503F	1	Q60007	MSD602-R	1	R2021	ERJ6GEYJ683	1		ERJ6GEYJ473	2
D2704	11DQ04	1		MN188166VMCY	1	Q60008	2SD636	1	R2022	ERJ6GEYJ102	1	R2404,03	ERJ6GEYJ105	1
D2705	MA151K	1		MN1382-R	1		MSD601-R	3	R2023	ERJ6GEYJ224	1		ERJ6GEYJ473	2
D2715,16	11DQ04	2	IC60007	LM358PS-R	1	Q60504	2SB819	1		ERJ6GEYJ103	2	R2407,08	ERJ6GEYJ104	1
	11EQS04	3		LM324NS	1	Q60505	MSD601-R	1	R2026	ERJ6GEYJ184	1	R2409	ERJ6GEYJ473	1
	MA153	1		LM393PS	1	Q60505	2SD1273-Q	1	R2027	ERJ6GEYJ105	1	R2501	ERJ6GEYJ682	1
	11EQS04	1		M54649L	1	Q60507	MSD601-R	1	R2028	ERJ6GEYJ822	1	R2502	ERJ6GEYJ334	1
	MA153	1		MN1382-R	1	Q60507 Q60508	2SB941	1	R2029	ERJ6GEYJ102	1	R2502	ERJ6GEYJ274	
	11EQS04	1	111111111111111111111111111111111111111		 	Q60509	MSD601-R	1	R2029	ERJ6GEYJ223	1			1
	11EQS04	1	J2001	ERJ6GEY0R00	1	400000	.,20001-11	-	R2030	ERJ6GEYG241	1		ERJ6GEYJ123	1
	MA4160-L	2	J2003	ERJ6GEYOROO	1	QR1502	MRN2404	1	R2032	ERJ6GEYJ473	-		ERJ6GEYJ334	1
	MA4160-H	3		ERJ6GEYOROO	1	QR1502 QR1503	MRN1402	1			1	-	ERJ6GEYJ154	1
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PRINCE PRINCE 1	E	ERJ6GEYG393	1	R2838,39	ERJ6GEYJ103	2	R60526	ERJ6GEYJ683	1	П	C8205	ECEVOJV470S	1		IC8004-07	MB81C1501PF	4	Ť
EMBRY 1985 1	E	ERJ6GEYG223	1	R2840	ERJ6GEYJ222	1	R60527,28	ERG1SJ300	2		C8206	ECUM1E104ZFN	1		IC8008	MC74HC574AF	1	
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RZ756	E	ERJ6GEYJ102		R60026-29	ERJ6GEYJ103	4	C8051,52	ECUM1E104ZFN	2		C8301-09	ECUM1E104ZFN	9		IC8210	TC7S66F	1	T
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R8080,81	ERJ6GEYJ105	2	R8257	ERJ6GEY0R00	1	C8628	ECEVOJV101S	1	C8832	ECUM1E104ZFN	1	FL8701	VLF1016A223	1
R8082	ERJ6GEYJ103	1	R8258-60	ERJ6GEYJ101	3	C8629	ECUM1H103KBN	1	C8833	ECUM1H150JCN	1	FL8801	VLF0921	1
R8083	ERJ6GEYJ392	1	R8303	ERJ6GEYJ222	1	C8630	ECEV1CV470S	1	C8835	ECEVOGV470S	1	FL8802,03		2
R8084	ERJ6GEYJ183	1	R8304	ERJ6GEYJ392	1	C8631	ECUM1H103KBN	1	C8836,37	ECUM1E104ZFN	2			
R8085	ERJ6GEYJ332	1	R8305	ERJ6GEYJ561	1	C8632	ECEV1CV470S	1	C8840	ECEV1CV470S	1	IC8601	AN91A12S	1
R8101 R8102	ERJ6GEYJ104 ERJ6GEYJ153	/1	R8309	ERJ6GEYOROO	1	C8633	ECUM1H103KBN	1	C8841	ECEV1CV220S	1	IC8602	NE521D	1
R8103	ERJ6GEYJ222	1	R8311 R8403	ERJ6GEYJ102 ERJ6GEY0R00	1 1	C8634 C8635	ECEVICV470S	1	C8842,43	ECUM1U103ZEN	2	IC8603,04		2
R8104	ERJ6GEYJ102	1	R8408,09	ERJ6GEYOROO	2	C8636	ECUM1H103KBN ECEV1CV470S	1 1	C8846 C8847	ECUM1H103ZFN ECUM1E473KBN	1	IC8605 IC8606	NJM082BM MN74HC221S	1
R8105	ERJ6GEYJ103	1	R8411,12	ERJ6GEY0R00	2	C8637	ECUM1H103KBN	1	C8848	ECEVICVIOOS	1	IC8607	MC74HC2215	1 1
R8107	ERJ6GEYJ333	1	R8415,16	ERJ6GEY0R00	2	C8640	ECUM1E104ZFN	1	C8849-51	ECUM1E104ZFN	3	IC8608	MC74HC125AF	1
R8108	ERJ6GEYJ105	1	R8418	ERJ6GEYOROO	1	C8641	ECUM1H103KBN	1	C8852	ECEVOGV470S	1	IC8609	NJM082BM	1
R8109	ERJ6GEYJ333	1	R8421,22	ERJ6GEY0R00	2	C8642	ECUM1E104ZFN	1	C8853	ECUM1E104ZFN	1	IC8613	NJM78L09UA	1
R8110	ERJ6GEYJ102	1	R8428	ERJ6GEY0R00	1	C8643	ECEV1HN010S	1	C8854	ECEV1HV010S	1	IC8671	MC14053BF	1
R8111 R8112	ERJ6GEYJ152 ERJ6GEYJ121	1	R8430	ERJ6GEY0R00	1	C8644	ECUM1E104ZFN	1	C8855	ECEVOJV470S	1	IC8672	NJM082BM	1
R8113	ERJ6GEYJ102	1	R8434 R8501	ERJ6GEYJ471 ERJ6GEYJ222	1	C8645	ECEVICV470S	1	C8856	ECUM1E473KBN	1	IC8673	NE521D	1
R8114	ERJ6GEYJ680	1	R8502,03	ERJ6GEYJ102	2	C8656-60 C8662	ECUM1E104ZFN ECUM1H103KBN	5	C8857	ECUM1E104ZFN	1	IC8674	NJM78L09UA	1
R8115	ERJ6GEYJ222	1 .	R8504	ERJ6GEYJ471	1	C8663	ECEVICV470S	1	C8859-62 C8863	ECUM1E104ZFN ECEV1CV100S	1	IC8701 IC8702	UPD65650J163	1
R8116	ERJ6GEYJ102	1	R8505	ERJ6GEYJ103	1	C8664	ECUM1H103KBN	1	C8864	ECUM1E473KBN	1	IC8702	MN74HC221S MC74HC04AF	1 1
R8117	ERJ6GEYJ222	1	R8506	ERJ6GEYJ124	1	C8665	ECEV1CV470S	1	C8865	ECUM1H330JCN	1	IC8704	TC7S08F	1
R8118	ERJ6GEYJ560	1	R8507	ERJ6GEYJ564	1	C8671	ECEV1CV470S	1	C8866	ECUM1H271JCN	1	IC8705	NJM082BM	1
R8119	ERJ6GEYJ273	1	R8508	ERJ6GEYJ222	1	C8672	ECUM1E104ZFN	1	C8867	ECUM1H680JCN	1	IC8706	TC7W04F	1
R8120	ERJ6GEYJ473	1	R8509	ERJ6GEYJ103	1	C8673	ECUM1H820JCN	1	C8868	ECUM1H070DCN	1	IC8801	MC14577BF	1
R8121	ERJ6GEY0R00	1	R8510	ERJ6GEYJ222	1	C8674	ECEV1CV100S	1	C8869	ECUM1H22OJCN	1	IC8802	BA7655AF	1
R8122,23	ERJ6GEYJ102	2	R8511-18	ERJ6GEYJ471	8	C8675	ECUM1E104ZFN	1	C8870	ECUM1H121JCN	1	IC8803	MM74HC221AM	1
R8124 R8125	ERJ6GEYJ332 ERJ6GEYJ333	1	R8520 R8521-25	ERJ6GEYJ222 ERJ6GEYJ101	1 5	C8676	.ECUM1H103KBN	1	C8871	ECUM1H100DCN	1	IC8804	MC14577BF	1
R8126	ERJ6GEYJ684	1	R8550-81	ERJ6GEYJ101	32	C8677 C8678	ECUM1E104ZFN ECEV1VAN2R2	1	C8882,83	ECUM1H680JCN ECUM1E104ZFN	2	IC8805	NJM082BM	1
R8128	ERJ6GEYJ272	1	K0330-01	LKOOGE 10471	JL	C8679	ECUM1E104ZFN	1	C8885	ECEVOJV470S	1	IC8806 IC8807	M51272FP	1
R8133	ERJ6GEYJ102	ī	VC8101	VCV0047	1	C8680	ECEV1CV470S	1	C8886	ECUM1E104ZFN	1	IC8808	TC7S04F MC14053BF	1 1
R8138	ERJ6GEYJ471	1				C8681	ECUM1E104ZFN	11	C8887	ECEVOJV470S	1	IC8809	MC14013BF	1
R8139	ERJ6GEYJ223	1	VR8001	EVN32CA00B53	1	C8682	ECUM1H470JCN	1	C8889	ECUM1E104ZFN	1	IC8810	LM358PS	1
R8147	ERJ6GEYJ101	1	VR8002	EVN32CA00B23	1	C8683,84	ECUM1E104ZFN	2	C8890,91	ECUM1H22OJCN	2	IC8811	TC4S66F	1
R8148	ERJ6GEYOROO	1	VR8101	EVM7JGA30B13	1	C8685	ECUM1H102JCN	1	C8892	ECUM1E104ZFN	1	IC8812	LM358PS-R	1
R8187 R8202	ERJ6GEYJ103	1	<u> </u>	EVM7DSX04B23	2	C8686,87	ECUM1H470JCN	2		ECUM1H22OJCN	2			
R8202	ERJ6GEYJ333 ERJ6GEYJ123	1 1	VR8201 VR8202	EVM7DSX04B53 EVM7DSX04B13	1	C8688	ECUM1H103KBN	1	C8895	ECEVOJV470S	1	L8601	VLQ0319K101	1
R8205	ERJ6GEYJ273	1	VR8203	EVM/DSX04B13	1	C8689 C8690	ECEV1CV100S	1 1	1	ECUM1E104ZFN	2	L8602	VLQ0319K221	1
R8207	ERJ6GEYJ102	1		EVM7DSX04B13	2	C8691	ECUM1H100DCN	1	C8900	ECUM1H22OJCN ECEVOJV47OS	2	L8603 L8604	VLQ0163J680 VLQ0319K470	1
R8209	ERJ6GEYOROO	1	VR8301	EVM7JGA30B13	1	C8692	ECUM1H270JCN	1		ECUM1E104ZFN	2	L8605,06	VLQ0319K470 VLP0133	2
R8211	ERJ6GEYJ104	1	VR8302	EVN32CA00B13	1	C8693	ECUM1E104ZFN	1	C8903	ECUM1H820JCN	1	L8612	VLQ0319K470	1
R8212	ERJ6GEYJ273	1	VR8501	EVN32CA00B54	1	C8701	ECUM1E104ZFN	1	₹	ECUM1E104ZFN	2	L8671	VLQ0319K470	1
R8213	ERJ6GEYJ152	1				C8702	ECEV1CN100S	1	C8906	ECUM1H100DCN	1	L8672	VLQ0163J221	1
R8214	ERJ6GEYJ103	1	W8501	ERJ6GEY0R00	1	C8703	ECUM1H102JCN	1	C8907,08	ECUM1E104ZFN	2	L8673	VLQ0319K470	1
R8215 R8216	ERJ6GEYJ101	1	VOEGE	HOVOSTO		C8704	ECUM1H150JCN	1	C8909	ECUM1H271JCN	1	L8674	VLP0133	1
	ERJ6GEYJ105 ERJ6GEYOR00	2	X8501	VSX0519	1	C8705	ECUM1E104ZFN	1	C8910	ECUM1H221JCN	1	L8701	VLQ0319K470	1
	ERJ6GEYJ273	1			\vdash	C8706 C8707	ECEV1CV100S ECUM1E104ZFN	1		ECUM1E104ZFN ECUM1H181JCN	2	L8702	VLP0145	1
	ERJ6GEYJ102	1				C8708	ECEV1CV100S	1		ECUMIE104ZFN	1		VLQ0319K101	2
	ERJ6GEYOROO	1		•••	\vdash		ECUM1E104ZFN	5	1	ECUMIE 104ZFN ECUMIH820JCN	1	L8803 L8804	VLQ0163J180 VLQ0163J560	1
R8227	ERJ6GEYJ473	1				C8714	ECUM1H22OJCN	1	 - - 	ECUM1E104ZFN	1	L8805	VLQ0163J470	1
R8228	ERJ6GEYJ273	1		[VEP08160A]		C8715	ECUM1H820JCN	1	·	ECEV1CV100S	1	L8806,07	VLQ0319K101	2
	ERJ6GEYJ152	1		TBC (2)			ECUM1E104ZFN	5		ECUM1E104ZFN	1	L8812	VLQ0319K101	1
	ERJ6GEYJ103	1	00001 00	FOURTH S STREET		C8722	ECUM1H102JCN	1		ECEVOGV470S	1	L8813	VLQ0163J270	1
	ERJ6GEYJ101	1	C8601,02	ECUM1H103KBN	2		ECUM1H151JCN	1		ECEVOJV470S	1	L8814	VLQ0163J6R8	1
	ERJ6GEYJ105 ERJ6GEYJ273	1 1	C8603 C8604	ECUM1H181JCN	1	C8801	ECUM1H101JCN	1		ECUM1E104ZFN	3	L8815	VLQ0163J5R6	1
	ERJ6GEYJ102	$-\frac{1}{1}$		ECUM1H103KBN ECUM1E104ZFN	1	C8802 C8803	ECUM1H221JCN ECEVOJV470S	1		ECUM1E104ZFN ECUM1H470JCN	1	L8818,19	VLQ0319K101	2
	ERJ6GEY0R00	1	C8606,07	ECEVICV470S	2		ECUM1E104ZFN	2		ECEVICVIOOS	1	L8820,21 L8822	VLQ0163J470	2
	ERJ6GEYJ473	1	C8608	ECUM1E104ZFN	1	C8806	ECEVOJV470S	1	l	ECUM1E104ZFN	$\frac{1}{1}$	L8823	VLQ0319K101 VLQ0163J470	1 1
	ERJ6GEYJ273	1	C8609	ECUM1H180JCN	1		ECUM1E104ZFN	2		ECUM1H12OJCN	2	L8824-27	VLQ01630470 VLQ0319K101	4
R8242	ERJ6GEYJ152	1	C8610	ECUM1H680JCN	1		ECEVOGV470S	2	,		\dashv	L8828,29	VLQ0313K101 VLQ0163J100	2
	ERJ6GEYJ153	1	C8611,12	ECUM1E104ZFN	2		ECUM1E104ZFN	3	D8601	MA151WK	1			+ - +
	ERJ6GEYJ101	1	C8613	ECEV1HN010S	1	C8816	ECEVOGV470S	1		MA723	2	P8933	VJP3176B100	1
	ERJ6GEYJ105	1	C8614	ECUM1H330JCN	1	C8819	ECUM1E104ZFN	1	11	MA151K	1			
	ERJ6GEYJ152	1	C8615	ECUM1E104ZFN	1	C8820	ECUM1H151JCN	1		MA335-R	1	Q8671	MSB709-R	1
	ERJ6GEYJ392	1	C8616,17	ECUM1H101JCN	2	C8821	ECUM1H471JCN	1	-	MA151K	1	Q8672,73	2SK608-Q	2
	ERJ6GEYJ223	1	C8618	ECUM1H22OJCN	1		ECEV1HV010S	2		MA151K	1	Q8701	MSD601-R	1
	ERJ6GEYJ152 ERJ6GEYJ392	1		ECUM1H470JCN	1	C8824	ECUM1H180JCN	1		MA335-R	2		MSD601-R	3
	ERJ6GEYJ392 ERJ6GEYJ223	2	C8620-22 C8623	ECUM1E104ZFN ECUM1H390JCN	3	C8826	ECUM1H101JCN	1		MA151K	1	Q8804	MSB709-R	1
	ERJ6GEYJ152	1	C8624	ECUM1H39UJCN ECUM1E104ZFN	1 1	C8827 C8828	ECUM1E104ZFN	1	D8804	MA723	1		MSD601-R	2
	ERJ6GEYJ392	$\frac{1}{1}$	C8625	ECEV1CV470S	1		ECEVOJV101S ECUM1E104ZFN	1	FL8601-05	VLF1016A223		Q8808,09	MSD601-R	2
	ERJ6GEYJ152	1		ECUM1H150JCN	2	C8830	ECEVOJV101S	1		VLF1016A223 VLF1016A223	5	Q8810 Q8811	2SA1022-B MSD601-R	1
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Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No	. Part No.	Pcs		Ref.No.	Part No.	Pcs
08812	2SA1022-B	1	R8736	ERJ6GEYJ101	1	R8892	ERJ6GEYJ102	1	VR8807,0	8 EVN32CA00B23	2	Н	C6605	ECEA1AKA101	1
08813-15	MSD601-R	3	R8737	ERJ6GEYJ152	1	R8893	ERJ6GEYJ332	1	VR8810,1	_	2	Ħ	C6606,07	ECUM1E104ZFN	2
Q8816	MSB709-R	1	R8739	ERJ6GEY0R00	1	R8894	ERJ6GEYJ821	1	VR8814	EVN32CA00B13	1	\Box	C6611	ECUM1H103ZFN	1
Q8817	MSC2295-B	1	R8740	ERJ6GEYJ102	1	R8895	ERJ6GEYJ472	1	VR8815	EVN32CA00B52	1		C6612	ECEA0JKS470	1
Q8818,19	MSB709-R	2	R8741	ERJ6GEYJ104	1	R8896	ERJ6GEYJ102	1					C6613	ECUM1H103ZFN	1
Q8820	MSC2295-B	1	R8801,02	ERJ6GEYG102	2	R8897	ERJ6GEYJ181	1	X8601	VSX0338	1		C6614	ECEA0JKS470	1
Q8821	MSB709-R	1	R8803	ERJ6GEYJ470	1	R8898	ERJ6GEYJ821	1	X8671	VSX0081	1	П	C6615	ECUM1H103ZFN	1
Q8822	MSC2295-B	1	R8804	ERJ6GEYJ332	1	R8899	ERJ6GEYJ152	1					C6616	ECEA1CKA470	1
Q8823	MSB709-R	1	R8805	ERJ6GEYJ103	1	R8900	ERJ6GEYJ470	1					C6621,22	ECUM1H103ZFN	2
Q8824,25	MSD601-R	2	R8806	ERJ6GEYJ470	1	R8901	ERJ6GEYJ102	1					C6623	ECEA0JKS470	1
Q8827,28	MSD601-R	2	R8807	ERJ6GEYJ821	1	R8902	ERJ6GEYJ471	1					C6624	ECEA0JKA470	1
Q8832	XN1213	1	R8808	ERJ6GEYJ472	1 .	R8903	ERJ6GEYJ102	1					C6628-36	ECUM1E104ZFN	9
			R8809	ERJ6GEYJ470	1	R8904	ERJ6GEYJ122	1		[VEP04424A]		Ш	C6637-39	ECEA0JKA470	3
R8601	ERJ6GEYJ224	1	R8810-12	ERJ6GEYG102	3	R8905	ERJ6GEYJ152	1		XLR M	ļ		C6640	ECUM1E104ZFN	1
R8602	ERJ6GEYJ684	1	R8813	ERJ6GEYJ470	1	R8906-08	ERJ6GEYJ223	3	1		-	Ш	C6641	ECEAOJKA470	1
R8603	ERJ6GEYJ103	1	R8814	ERJ6GEYG102	1	R8909	ERJ6GEYJ152	1	J6722-25	VJP3417	4	Ц	C6642	ECUM1H103ZFN	1
R8604,05	ERJ6GEYJ822	2	R8815	ERJ6GEYJ103	1	R8910	ERJ6GEYJ102	1			l.,	Ц	C6643	ECEA1HKS010	1
R8606	ERJ6GEYJ221	1	R8816	ERJ6GEYG470	1	R8911	ERJ6GEYJ154	1	P6706	VJP1246T	1	Ш	C6644	ECEAOJKA470	1
R8607-10	ERJ6GEYJ222	4	R8817	ERJ6GEYJ821	1	R8912	ERJ6GEYJ152	1	P6707	VJP1247T	1		C6645	ECUM1H103ZFN	1
R8611	ERJ6GEYJ683	1	R8818	ERJ6GEYJ472	1	R8913	ERJ6GEYJ102	1				Н	C6646	ECEAOJKA470	1
R8612	ERJ6GEYJ184	1	R8822	ERJ6GEYJ471	1	R8914	ERJ6GEYJ122	1			-	Н	C6647	ECEAOJKS470	1
R8613,14	ERJ6GEYJ222	2	R8823	ERJ6GEYJ221	1	R8915	ERJ6GEYJ330	1			 	$\vdash \vdash$	C6648	ECUM1H103ZFN	1
R8615	ERJ6GEYJ563	1	R8824	ERJ6GEYJ470	1	R8916	ERJ6GEYJ681	1		_		⊢∤	C6649	ECEA0JKA470	1
R8616	ERJ6GEYJ822	1	R8825	ERJ6GEYJ271	1	R8917	ERJ6GEYJ105	1		EVEDO440543	1	\dashv	C6650	ECEA1HKAR22	1
R8617	ERJ6GEYJ682	1	R8826	ERJ6GEYJ332	1	R8918	ERJ6GEYJ154	1		[VEP04425A]		⊢⊦	C6651	ECUM1H150JCN	1
R8618	ERJ6GEYJ563	1	R8827	ERJ6GEYJ102 ERJ6GEY0R00	1	R8919	ERJ6GEYJ152	1	-	XLR F		$\vdash \dashv$	C6652	ECUM1H270JCN ECUM1H220JCN	1 2
R8619 R8620	ERJ6GEYJ684	1	R8828 R8829	ERJ6GEYUROU ERJ6GEYJ470	1 1	R8920 R8921,22	ERJ6GEYJ103 ERJ6GEYJ102	1 2	J6726-29	VJS3417	4	dash	C6653,54		2
R8621	ERJ6GEYJ392 ERJ6GEYJ272	1	R8830	ERJ6GEYJ470 ERJ6GEYJ332		R8921,22	ERJ6GEYJ102 ERJ6GEYJ122	1	30/20-29	VU3341/	4	Н	C6657	ECUM1H33UJCN ECUM1H103ZFN	1
R8622,23	ERJ6GEYJ2/2 ERJ6GEYJ102	1 2	R8831	ERJ6GEYJ470	1	R8923	ERJ6GEYJ122	$\frac{1}{1}$	P6708	VJP1246T	1	Н	C6658	ECEAOJKS470	1
R8624	ERJ6GEYJ102	1	R8832	ERJ6GEYJ682		R8924	ERJ6GEYJ181	1	P6708	VJP12461 VJP1247T	1	$\vdash \vdash$	C6659	ECUM1H103ZFN	1
R8625	ERJ6GEYJ122 ERJ6GEYJ823	$\frac{1}{1}$	R8832	ERJ6GEYJ102	1	R8925	ERJ6GEYJ152	1	10/09	VUF 124/ 1	1	┼┤	C6660	ECEAOJKA470	1
R8626	ERJ6GEYJ103	1	R8834	ERJ6GEYJ152	1	R8927	ERJ6GEY0R00	1		-	 	┼┤	C6661	ECUM1H102KBN	1
R8628	ERJ6GEYJ153	1 1	R8836	ERJ6GEYJ561	1	R8940	ERJ6GEYJ102	1 1		+		\vdash	C6662-64	ECUM1E104ZFN	3
R8630	ERJ6GEYJ104	1	R8838	ERJ6GEYJ222	$+\frac{1}{1}$	R8941	ERJ6GEYG242	$+\frac{1}{1}$	11	+		$\vdash \vdash$	C6665,66	ECUM1H103ZFN	2
R8631	ERJ6GEYJ105	1	R8839	ERJ6GEYJ470	$+\frac{1}{1}$	R8942	ERJ6GEYJ124	1	1	+	1	\vdash	33303,00		+-
R8635	ERJ6GEYJ473	11	R8840	ERJ6GEYJ472	1	R8943	ERJ6GEYJ682	11	1	[VEP06906A]	1	\forall	CT6601	ECV1ZW20X60	1
R8671	ERJ6GEYJ222	1	R8841	ERJ6GEYJ102	1	R8944	ERJ6GEYJ102	1	11	9P IN CONNECT	1	┼┤	1.0001	22.12.1.20/100	+*
R8672	ERJ6GEYJ152	1	R8842	ERJ6GEYJ122	1	R8945	ERJ6GEYJ683	1	1		†	+	D4001	MA151WA	1
R8673	ERJ6GEYJ103	1	R8843	ERJ6GEYJ222	1	R8947	ERJ6GEYJ104	1	P69005	VJP3088	1	\vdash	D4002	MA151WK	1
R8674	ERJ6GEYJ102	1	R8844	ERJ6GEY0R00	i	R8948	ERJ6GEYJ682	1	P69006	VJS2074	1	H	D4003	MA151WA	1
R8675	ERJ6GEYOROO	1	R8846	ERJ6GEYJ223	$+\frac{1}{1}$	R8952	ERJ6GEYJ471	† 1	11	1	Ť	\sqcap	D4004	MA151WK	1
R8677	ERJ6GEYJ333	1	R8849	ERJ6GEYJ122	1	R8953,54	ERJ6GEYJ101	2	1	1		Н	D4005	MA151WA	1
R8678	ERJ6GEYJ273	1	R8850	ERJ6GEYJ183	1	R8955-57	ERJ6GEYJ332	3	1		1	Н	D4006	MA151WK	1
R8679	ERJ6GEYJ223	1	R8851	ERJ6GEYJ273	1	R8958	ERJ6GEYJ392	1	1		1	П	D4007	MA151WA	1
R8680	ERJ6GEYJ105	1	R8853	ERJ6GEYJ332	1	R8959-63	ERJ6GEYJ470	5	1		1	П	D4008	MA151WK	1
R8681	ERJ6GEYJ102	1	R8855	ERJ6GEYJ183	1	R8964,65	ERJ6GEYJ103	2		[VEP06908A]		П	D4017	MA153A	1
R8682	ERJ6GEYJ473	1	R8856	ERJ6GEYJ273	1	R8966	ERJ6GEYJ470	1		REAR AMP		∏	D6601,02	MA151K	2
R8683	ERJ6GEYJ822	ì	R8857	ERJ6GEY0R00	1	R8968	ERJ6GEYJ222	1				П	D6603	MA28W-A	i
R8684	ERJ6GEYJ153	1	R8860	ERJ6GEYG301	1	R8969	ERJ6GEYJ470	1	C4001-04	ECEA1CSN100	4	П			
R8685,86	ERJ6GEYJ473	2	R8861	ERJ6GEYJ470	1	R8971	ERJ6GEYJ471	1	C4007-10		4			NJM4556MB	3
R8687,88	ERJ6GEYJ332	2	R8862	ERJ6GEYG301	1	R8973	ERJ6GEYJ471	1	C4014	ECEA1CKA470	1	\Box	IC4004	AN6558S	1
R8689	ERJ6GEYJ102	1	R8864,65	ERJ6GEYJ472	2	R8974	ERJ6GEYJ102	1	C4015	ECEA1CKA101	1		IC4005-07		3
R8690	ERJ6GEYJ272	1	R8866	VRE0034E122	1	R8975,76	ERJ6GEYJ105	2	C4016	ECEA1CKS470	1	Ш	IC4008	AN6558S	1
R8691	ERJ6GEYJ123	1	R8867	VRE0034E272	1	R8979	ERJ6GEYJ683	1 1	C4017	ECEA1CKS101	1	Ш	IC4014-17		4
R8692	ERJ6GEYJ821	1	R8869	ERJ6GEYJ222	1	R8980	ERJ6GEYG912	1	C4018	ECEA1CKA470	1	\sqcup	IC6601	NJM2233BMA	1
R8693	ERJ6GEYJ152	1	R8870	VRE0034E122	1	R8982	ERJ6GEYJ102	1	C4019	ECEA1CKA101	1	\sqcup	IC6605-08		4
R8702	ERJ6GEYOROO	1	R8871	VRE0034E272	1 1	R8983	ERJ6GEYJ152	1	C4020	ECEA1CSN100	1	Ц	IC6609	MC14576BF	1-1-
R8703	ERJ6GEYJ562	1	R8873	ERJ6GEYJ222	1	-	Wones : 5	11	C4021	ECEA1EKA470	1	Ц	IC6610	MN1280P	1
R8704	ERJ6GEYJ103	1	R8875	ERJ6GEYJ102	1	SW8701	VSR0045	1	C4022	ECEA1VKS470	1	\sqcup	IC6611	M50455-001SP	1
R8705	ERJ6GEYJ684	1	R8876	ERJ6GEYJ472	1	Tueses	Formeriu	+	C4023	ECEA1CSN100	1	\sqcup	IC6612	TC4S584F	1
R8706	ERJ6GEYJ273	1	R8877	ERJ6GEYJ471	1	TH8801	ERTD2FHL102S	1	C4024, 25		2	\sqcup	1,0000	W OF CHICAGO	+
R8707	ERJ6GEYJ563	1	R8878	ERJ6GEYJ472	1	VC0C71	FOW THOSE SE	+-+	C4026	ECEA1CSN100	1	\sqcup	L6601-07	VLQEL05K101J	7
R8708	ERJ6GEYJ472	1	R8880	ERJ6GEYJ102	1	VC8671	ECV1ZW20X60	1	C4027,28		2	\vdash	L6608	VLQELO5K330J	1
R8709	ERJ6GEYJ682	1	R8881	ERJ6GEYJ821	1	VDOCCI	EMNOCACODE:	+.+	C4029	ECEA1CSN100	1		L6609,10	<u> </u>	2
R8710	ERJ6GEYJ104	1	R8882	ERJ6GEYJ471	1	VR8601	EVN32CA00B54	1	C4030,31		2	Н	L6611	VLQEL05K150J	1
R8713	ERJ6GEYOROO	1	R8883	ERJ6GEYJ472	1	VR8602	EVN32CA00B53	1	C4034	ECEA1CKS101	1	\vdash	L6612	VLQEL05K101J	1
R8715	ERJ6GEY0R00	1	R8884	ERJ6GEYJ102	1	VR8603	EVN32CA00B14	1	C4035	ECEA1CKA220	1	Н	DAGGE	V.102400515	+-
R8717-21	ERJ6GEYJ101	5	R8885	ERJ6GEY0R00	1	VR8671	EVN32CA00B23	1	C4036-41		6	 	P4006	VJP3490B13	1
R8722-27	ERJ6GEYJ560	6	R8886	ERJ6GEYJ102	1	VR8701	EVN32CA00B53	1	C4042,43		2	Н	P4007,08	VJP3092	2
R8728	ERJ6GEYJ102	1	R8887	ERJ6GEYJ470	1		EVN32CA00B14	2	C4044	ECEA1CKA470	1	╁┤	P4009	VJP3490B13	1
R8729	ERJ6GEYJ152	1	R8888	ERJ6GEYJ332	1	VR8803	EVN32CA00B13	1	C4045	ECEA1CKA101	1	\vdash	P6601	VJS1490	1
R8731,32	ERJ6GEYJ560	2	R8889	ERJ6GEYJ102	1	VR8804	EVN32CA00B23	1	C4046-49		4	Н	P6602,03	VJP3490B13	2
R8733,34	ERJ6GEYJ471	2	R8890	ERJ6GEY0R00	1	VR8805	EVN32CA00B24	1	C6601,02	_	2	\sqcup	P6604	VJS1468	1
R8735	ERJ6GEYJ560	1	R8891	ERJ6GEYJ470	1	VR8806	EVN32CA00B13	1	C6604	ECUM1E104ZFN	1		P6605	VJS1490	1
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Ref.No.		Pcs	Ref.No	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
P6606	VJP3076	1	R4134,3		2	R6671	ERJ6GEYJ221	1						+
P6607	VJP1243T	1	R4136	ERJ6GEYJ822	1	R6672	ERJ6GEYJ103	1					-	
P6608	VJS1488	1	R4137	ERJ6GEYJ470	1	R6673	ERJ6GEYJ561	1						
Q4001-08	MSD601-R		R4138	ERJ6GEYG912	1	1		\perp						
Q4001-08	2SD601-R	8	R4139,40	ERJ6GEYJ332 ERJ6GEYJ822	2	SW4004,0	VSS0208	2				 		
Q4011	2SB710-R	1	R4141	ERJ6GEYJ562	1 1	VD400E O	EVN32CA00B53	++	-{}		 - -	 		
Q4015-17	2SD1306	3	R4143	ERJ6GEYJ102	1	VK4003-08	EVN3ZCAUUB33	4	+		+-+	∤ ⊢		+
Q4021-23		3	R4144	ERJ6GEYJ470	 1	X6601	VSX0197	1	1		+	∤ }	444	+
Q4027-29		3	R4145-49		5		1		1	******	 -	╂		
Q4033-35		3	R4159	ERJ6GEYJ473	1			1	1	· · · · · · · · · · · · · · · · · · ·	1	11		+
Q4036	MSB710-R	1	R4160,61		2									
Q4037	2SB710-R	1	R4162	ERJ6GEYJ822	1									
Q4038 Q6601-03	2SD602-R MSD601-R	3	R4163 R4164,65	ERJ6GEYJ470 ERJ6GEYJ332	1	 	EVEDOCOOO 1	\bot	-		<u> </u>			
Q6606	MSB709-R	1	R4164,65	ERJ6GEYJ562	2	 	[VEP06909A] REAR JACK	+			 -	l		1
Q6609,10	XN4501	2	R4167	ERJ6GEYJ102	1	 	REAR JACK	+-+	┦┝			 		
Q6611	MSD601-R	1	R4168	ERJ6GEYJ103	1	J6701-04	VJS3154	4			┼┼-	l		
Q6612	XN4401	1	R4169	ERJ6GEYJ822	1	J6705	VJS3155	1	11		+	l		1
Q6613	MSB709-R	1	R4170	ERJ6GEYJ470	1	J6709	VJP3414A015	1	1		1	<u> </u>		\vdash
			R4171	ERJ6GEYJ103	1	J6711-13	VJS3154	3						+ - i
QR6603	MRN1404	1	R4172	ERJ6GEYG912	1	J6714,15	VJS3155	2						1
QR6605	MRN2404	1	R4173-75		3	J6716-18	VJS3154	3						
QR6606,07	MRN1404	2	R4185	ERJ6GEYJ473	1	J6719	VJJ0322	1	4					
R4001	ERJ6GEYJ681	1	R4186,87		2	J6720,21	VJS3154	2	11			II		\Box
R4002,03	ERJ6GEYJ473	2	R4188 R4189	ERJ6GEYJ822 ERJ6GEYG912	1 1	P6701	V 10201 FD010	+, $+$	+					1
R4004,05	ERJ6GEYJ822	2	R4109	ERJ6GEYJ470	1	P6701	VJS3215B012 VJS3215B008	1	┨┝───┼		++			
R4006,07	ERJ6GEYJ104	2	R4191.92		2	P6703	VJS3215B008	1	-					\vdash
R4008	VRE0034E332	1	R4193	ERJ6GEYJ822	1	P6704	VJS3215B010	1	1		-			1
R4009-14	VRE0034E472	6	R4194	ERJ6GEYJ562	1			 	1					┼─┼
R4015	ERJ6GEYJ473	1	R4195	ERJ6GEYJ102	1	R6701,02	EROS2CKG75R0	2			 	*****		+
R4016	ERJ6GEYJ681	1	R4196	ERJ6GEYJ470	1	R6704-06	EROS2CKG75R0	3				"		t
R4017	ERJ6GEYJ473	1	R4197-01		5	R6707	EROS2CKG68RO	1						
R4018,19 R4020,21	ERJ6GEYJ822 ERJ6GEYJ104	2	R4204	ERJ6GEYJ104	1	R6708-14	EROS2CKG75RO	7	1					
R4020,21	VRE0034E332	2	R4205 R4206,07	ERJ6GEYJ563 ERJ6GEYJ151	1	CLIC 701 00	1/550303	-	-					
R4023-28	VRE0034E472	6	R4208-11		2 4	SW6701,02 SW6705,06		2	-{}		<u> </u>			
R4029	ERJ6GEYJ103	1	R6601	ERJ6GEYJ332	1	380703,00	¥220290		-					
R4030	ERJ6GEYJ183	1	R6602	ERJ6GEYJ470	1			+	11					
R4032-35	ERJ6GEYJ103	4	R6604	ERJ6GEYG750	1				11			-		
R4036	ERJ6GEYJ183	1	R6605	ERJ6GEYJ221	1			tt						\vdash
R4038-40	ERJ6GEYJ103	3	R6606	ERJ6GEYJ102	1									
R4041	ERJ6GEYJ681	1	R6607	ERJ6GEYJ470	1		[VEK2657]							
R4042,43	ERJ6GEYJ473	2	R6608	ERJ6GEYJ102	1		TENSION						- 1	
R4044,45 R4046,47	ERJ6GEYJ822 ERJ6GEYJ104	2	R6609	ERJ6GEYJ472	1		SENSOR							
R4048	VRE0034E332	2	R6610 R6618	ERJ6GEYJ272 ERJ6GEYJ221	1 1	DOCOA	W.ICI OZOT	.	-					
	VRE0034E472	6	R6619	ERJ6GEYJ102	1	P2504	VJS1230T	1	┧ ├────├					<u>.</u>
	ERJ6GEYJ681	1	R6620	ERJ6GEYJ470	1									<u> </u>
	ERJ6GEYJ473	2	R6621,22	VRE0034E102	2	-		 -	1		-+	-		
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	ERJ6GEYJ104	2	R6624-26	ERJ6GEYJ103	3							\vdash		\vdash
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R4063-68 R4069	VRE0034E472	6	R6632,33	ERJ6GEYJ103	2									
	ERJ6GEYJ103 ERJ6GEYJ183	1	R6639-48	VRE0034E471	10				 					
	ERJ6GEYJ103	5	R6649 R6650	ERJ6GEYJ152 ERJ6GEYJ474	1	ļi			 					
	ERJ6GEYJ183	1	R6652	ERJ6GEYJ4/4 ERJ6GEYJ104	1 1			 -	11		$-\Box$			
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	ERJ6GEYJ103	2	R6654,55	ERJ6GEYJ152	2			-	<u> </u>		\dashv	1		\vdash
	ERJ6GEYJ151	2	R6656	ERJ6GEYJ271	1			 - -	1		\dashv			
	ERJ6GEYJ332	1	R6657	ERJ6GEYJ102	1						\dashv	-		
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	ERJ6GEYJ822	1	R6660	ERJ6GEYJ391	1	<u> </u>								
	ERJ6GEYG912	1	R6662	ERJ6GEYJ471	1									
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	ERJ6GEYJ470	1	R6668	ERJ6GEYJ103	1						\dashv			
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